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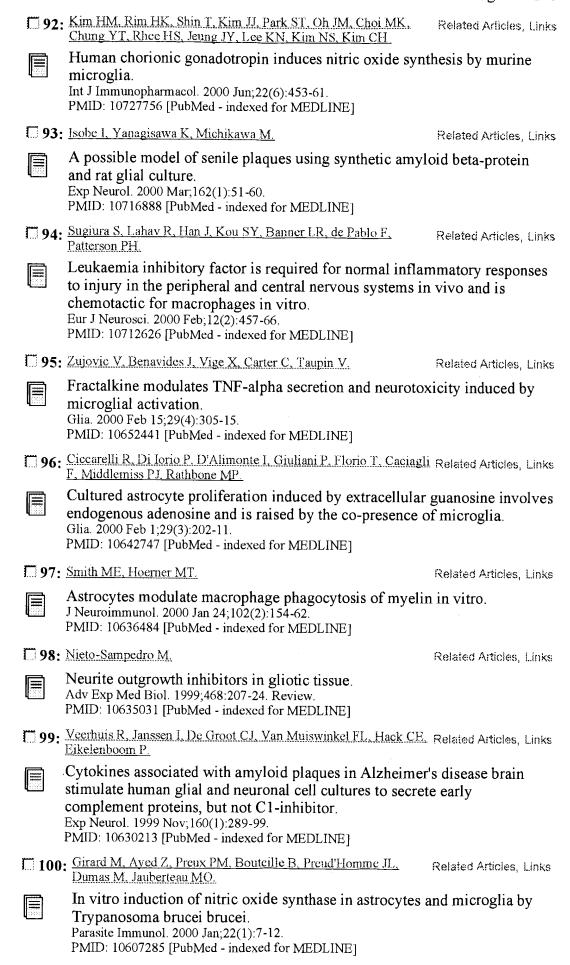
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Williams K, Bar-Or A, Ulvestad E, Olivier A, Antel JP, Yong VW.

Montreal Neurological Institute, Department of Neurology and Neurosurgery, McGill University, Quebec, Canada.

We have compared phenotypic and functional properties of surgically derived adult human microglia to autologous and allogenic peripheral blood-derived monocytes and to astrocytes derived from the same surgical resection. We found that microglia differed from peripheral blood monocytes with respect to adhesion properties and survival rates in vitro. Microglia, similar to resident macrophages in different tissues, expressed many but not all (CD4, Leu-M3, non-specific esterase) monocyte/macrophage associated markers tested, a pattern similar to that of terminally differentiated cells of this lineage. As with other human tissue macrophages, but in contrast to astrocytes, microglia did not undergo DNA synthesis in vitro, assessed using BrdU incorporation. Under basal culture conditions the majority of microglia of all morphologic subtypes (ameboid, bipolar, ramified) expressed MHC class II molecules; by flow cytometric analysis, mean fluorescence intensity of these cells was less than that of blood monocytes (relative to isotype control). In vitro MHC class Il antigen expression on microglia, under basal and interferon gamma activating conditions, was greater than on astrocytes. Freshly derived T cells cultured with 1-10% autologous microglia plus Candida albicans underwent active proliferation, indicating the functional capacity of the microglia to serve as antigen-presenting cells.

PMID: 1517774 [PubMed - indexed for MEDLINE]

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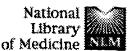
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1: Neuroscience. 1993 May;54(1):15-36.

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## Molecular profile of reactive astrocytes--implications for their role in neurologic disease.

Eddleston M, Mucke L.

Department of Neuropharmacology, Scripps Research Institute.

The central nervous system responds to diverse neurologic injuries with a vigorous activation of astrocytes. While this phenomenon is found in many different species, its function is obscure. Understanding the molecular profile characteristic of reactive astrocytes should help define their function. The purpose of this review is to provide a summary of molecules whose levels of expression differentiate activated from resting astrocytes and to use the molecular profile of reactive astrocytes as the basis for speculations on the functions of these cells. At present, reactive astrocytosis is defined primarily as an increase in the number and size of cells expressing glial fibrillary acidic protein. In vivo, this increase in glial fibrillary acidic protein-positive cells reflects predominantly phenotypic changes of resident astroglia rather than migration or proliferation of such cells. Upon activation, astrocytes upmodulate the expression of a large number of molecules. From this molecular profile it becomes apparent that reactive astrocytes may benefit the injured nervous system by participating in diverse biological processes. For example, upregulation of proteases and protease inhibitors could help remodel the extracellular matrix, regulate the concentration of different proteins in the neuropil and clear up debris from degenerating cells. Cytokines are key mediators of immunity and inflammation and could play a critical role in the regulation of the blood-central nervous system interface. Neurotrophic factors, transporter molecules and enzymes involved in the metabolism of excitotoxic amino acids or in the antioxidant pathway may help protect neurons and other brain cells by controlling neurotoxin levels and contributing to homeostasis within the central nervous system. Therefore, an impairment of astroglial performance has the potential to exacerbate neuronal dysfunction. Based on the synopsis of studies presented, a number of issues become apparent that deserve a more extensive analysis. Among them are the relative contribution of microglia and astrocytes to early wound repair, the characterization of astroglial subpopulations, the specificity of the astroglial response in different diseases as well as the analysis of reactive astrocytes with techniques that can resolve fast physiologic processes. Differences between reactive astrocytes in vivo and primary astrocytes in culture are discussed and underline the need for the development and exploitation of models that will allow the analysis of reactive astrocytes in the intact organism.

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**1:** Neurosci Lett. 1993 Jun 11;155(2):175-8.

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Production of interleukin-5 by mouse astrocytes and microglia in culture.

Sawada M, Suzumura A, Itoh Y, Marunouchi T.

Division of Cell Biology, School of Medicine, Fujita Health University, Aichi, Japan.

Interleukin (IL)-5 was originally isolated as a B cell growth factor derived from T cells and is known as a multipotent cytokine. We found that IL-5 was detected in the cultures of microglia and astrocytes by both the enzyme-linked immunosolvent assay (ELISA) and bioassay with IL-5-dependent cell line, T88M. We also found that microglia and astrocytes expressed IL-5 mRNA. IL-5 receptor mRNA, however, was not detected in these cells. Stimulation with interferon-gamma increased expression of IL-5 in astrocytes and microglia. These results suggest that IL-5 produced by brain cells may be involved in the interaction between brain cells and immune cells in the brain.

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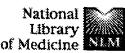
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Concurrent isolation and characterization of oligodendrocytes, microglia and astrocytes from adult human spinal cord.

Whittemore SR, Sanon HR, Wood PM.

Miami Project, University of Miami School of Medicine, FL 33136.

A cellular preparation of highly enriched oligodendrocytes was obtained from adult human spinal cord by Percoll gradient centrifugation followed by either differential adhesion or fluorescence-activated cell sorting after immunostaining with an antibody against galactocerebroside (O1). The adherent and O1-negative cell fractions were > 96\% microglia. The nonadherent and O1-positive fractions were > 96\% positive for the oligodendrocyte markers O4 and O1, 0-2% positive for glial fibrillary acidic protein, and were devoid of neuronal or microglial markers. If the oligodendrocyte fraction was co-cultured with purified dissociated rat dorsal root ganglion neurons, the oligodendrocytes adhered to the axons and their numbers increased over a 4 week period. However, myelin sheaths were not produced around axons in these cultures. In contrast, if the oligodendrocyte cell fraction was grown alone in culture for > 3 weeks, the number of oligodendrocytes decreased and a layer of astrocytes developed underneath the oligodendrocytes. The oligodendrocytes could be eliminated from these cultures by subsequent passaging, thus producing cultures of pure astrocytes. The astrocytes accumulated both K+ and glutamate with kinetic properties similar to those reported for rodent astrocytes. We suggest that these astrocytes arose in part from an O4/O1-positive precursor which did not initially express glial fibrillary acidic protein. These results define a relatively simple method by which highly enriched populations of oligodendrocytes, astrocytes and microglia can be obtained from adult human spinal cord.

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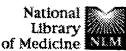
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Regulation of interleukin-6 (IL-6) secretion in primary cultured rat astrocytes: synergism of interleukin-1 (IL-1) and pituitary adenylate cyclase activating polypeptide (PACAP).

Gottschall PE, Tatsuno I, Arimura A.

University of South Florida College of Medicine, Department of Pharmacology and Therapeutics, Tampa 33612-4799.

Interleukin-6 (IL-6) is a pleiotropic cytokine that is produced by astrocytes and microglia and may act as a trophic factor in the nervous system. These experiments were intended to identify neuroactive agents that regulate IL-6 production in primary cultured rat astrocytes. Addition of either lipopolysaccharide (LPS) or human recombinant interleukin-1 beta (IL-1 beta) to rat astrocytes in culture stimulated IL-6 secretion. However, LPS was significantly more efficacious in eliciting IL-6 production compared to IL-1 beta. Co-addition of the specific IL-1 receptor antagonist (IL-1ra) completely inhibited IL-1 beta-induced IL-6 secretion but did not affect LPS-stimulated IL-6 production during a 6 h incubation period. Two neuroactive peptides. pituitary adenylate cyclase activating polypeptide (PACAP38) and vasoactive intestinal peptide (VIP), stimulated IL-6 production either alone or in combination with IL-1 beta. PACAP38 was significantly more potent in stimulating IL-6 compared to VIP. Results from these experiments indicate that LPS is an effective inducer of IL-6 production in rat astrocytes. This effect of LPS is independent of astrocyte IL-1 production since the IL-1ra was unable to inhibit LPS-stimulated IL-6 secretion. Also, the neuropeptides PACAP38 and VIP are potential secretagogues for IL-6 secretion, and both peptides synergize with IL-1 to stimulate IL-6 secretion in rat astrocytes.

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1: J Neuropathol Exp Neurol. 1995 May;54(3):320-30.

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Infection of human fetal astrocytes with HIV-1: viral tropism and the role of cell to cell contact in viral transmission.

Nath A, Hartloper V, Furer M, Fowke KR.

Laboratory of Neurovirology, Department of Medical Microbiology, Winnipeg, Manitoba, Canada.

Astrocyte cultures from human fetal brain were infected with human immunodeficiency virus (HIV) either as free virus or with a chronically infected lymphoblastoid cell line and monitored for signs of infection. The lymphocytotropic strains HIV3B and HIVSF2(ARV-2) but not the monocytotropic strain HIVAda-M infected the human fetal astrocytes. The infected cells were monitored by immunocytochemistry, detection of p24 antigen in the supernatants and polymerase chain reaction amplification of the proviral DNA. No morphological or cytopathic effects were seen in these cells. Upon co-culture of astrocytes with a lymphoblastoid cell line chronically infected with HIVSF2(ARV-2), the lymphoblastoid cells readily adhered to the astrocytes as determined by a 51Cr adhesion assay and by light and electron microscopy. This cell to cell contact resulted in infection of increased numbers of astrocytes. Similar adhesion of lymphoblasts to microglia was not seen. Thus, astrocytes from human fetal brain can be infected in vitro directly by lymphocytotropic strains of HIV or by adherence to infected lymphoblastoid cells.

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**1:** Exp Neurol. 1996 Feb; 137(2):367-75.

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Microglial ramification requires nondiffusible factors derived from astrocytes.

Tanaka J, Maeda N.

Department of Physiology, School of Medicine, Ehime University, Japan.

It is generally accepted that process-bearing microglial cells origina te from ameboid macrophage-like mesodermal cells. This transformation, often called ramification, accompanies down regulation of macrophage-like properties, but the mechanisms involved in ramification have not been clarified. We investigated factors to promote ramification in culture. Isolated ameboid microglial cells were seeded on living or paraformaldehyde-fixed astrocyte monolayers. About 80% of the cells ramified on the fixed astrocytes in astrocyte-conditioned medium as well as on the living astrocytes. In fresh culture medium, 50% of the cells on the fixed astrocytes ramified. On the other hand, ameboid cells rarely ramified on noncoated glass coverslips even in the conditioned medium. Ameboid cells cultured on extracellular matrices dervied from astrocytes ramified more than on those coated with plasma fibronectin or collagen type I. A synthetic peptide containing Arg-Gly-Asp sequence or a tyrosine kinase inhibitor genistein partially reversed the ramification induced on the fixed astrocyte monolayers. These results show that some nondiffusible factors derived from astrocytes are essential for microglial ramification. A part of the nondiffusible factors are present in the extracellular matrices, and the effects might be mediated by integrins. Some diffusible factors secreted by astrocytes seem to promote ramification, if the nondiffusible factors are present. The experiments using the fixed astrocyte monolayers may be useful to identify the diffusible factors responsibile for ramification.

PMID: 8635553 [PubMed - indexed for MEDLINE]

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Erratum in:

• Arch Virol 1997;142(8):1741.

[SpringerLink]

Rabies viruses infect primary cultures of murine, feline, and human microglia and astrocytes.

Ray NB, Power C, Lynch WP, Ewalt LC, Lodmell DL.

Laboratory of Persistent Viral Diseases, Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases, Hamilton, Montana, USA.

Recent studies have reported the detection of rabies viral antigens and virions in astrocytes and microglia of rabies-infected animals. As a first step toward understanding whether these glial cells may be involved in rabies virus replication, persistence, and/or pathogenesis, we explored their potential to be infected in vitro. Primary cultures of murine, feline, and human microglia and astrocytes were infected with several different rabies viruses: two unpassaged street virus isolates, a cell culture-adapted strain, and a mouse brain-passaged strain. Infection, as determined by immunofluorescence, was detected in 15 of the 16 (94%) virus-glial cell combinations. Replication of infectious virus, determined by infectivity assay, was detected in 7 of the 8 (88%) virus-cell combinations. These results show that astrocytes and microglia can be infected by rabies viruses, suggesting that they may have a potential role in disease, perhaps contributing to viral spread, persistence and/or neuronal dysfunction.

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1: J Neurochem. 1997 Mar; 68(3):1183-90.

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Processing of amyloid precursor protein in human primary neuron and astrocyte cultures.

LeBlanc AC, Papadopoulos M, Belair C, Chu W, Crosato M, Powell J, Goodyer CG.

Department of Neurology and Neurosurgery, McGill University, Montreal, Quebec, Canada.

Increased production of amyloid beta peptide (A beta) is highly suspected to play a major role in Alzheimer's disease (AD) pathogenesis. Because A beta deposits in AD senile plaques appear uniquely in the brain and are fairly restricted to humans, we assessed amyloid precursor protein (APP) metabolism in primary cultures of the cell types associated with AD senile plaques: neurons, astrocytes, and microglia. We find that neurons secrete 40% of newly synthesized APP, whereas glia secrete only 10%. Neuronal and astrocytic APP processing generates five C-terminal fragments similar to those observed in human adult brain, of which the most amyloidogenic higher-molecular-weight fragments are more abundant. The level of amyloidogenic 4-kDa A beta exceeds that of nonamyloidogenic 3-kDa A beta in both neurons and astrocytes. In contrast, microglia make more of the smallest C-terminal fragment and no detectable A beta. We conclude that human neurons and astrocytes generate higher levels of amyloidogenic fragments than microglia and favor amyloidogenic processing compared with previously studied culture systems. Therefore, we propose that the higher amyloidogenic processing of APP in neurons and astrocytes, combined with the extended lifespan of individuals, likely promotes AD pathology in aging humans.

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     Journal; Article; (JOURNAL ARTICLE)
LA
     English
     MEDLINE; Priority Journals
FS
os
     MEDLINE 1998324141
EΜ
     199808
ED
     Entered STN: 19980910
     Last Updated on STN: 19980910
L6
     ANSWER 18 OF 63 CANCERLIT on STN
     1998125495
ΑN
                    CANCERLIT
DN
     98125495
                 PubMed ID: 9454637
TI
     Manganese augments nitric oxide synthesis in murine ***astrocytes***
     a new pathogenetic mechanism in manganism?.
     Spranger M; Schwab S; Desiderato S; Bonmann E; Krieger D; Fandrey J
ΑU
CS
     Department of Neurology, University of Heidelberg, Germany.
     EXPERIMENTAL NEUROLOGY,
                               ***(1998 Jan)***
SO
                                                     149 (1) 277-83.
     Journal code: 0370712. ISSN: 0014-4886.
CY
     United States
DT
     Journal; Article; (JOURNAL ARTICLE)
LA
     English
FS
     MEDLINE; Priority Journals
     MEDLINE 1998125495
os
     199803
EΜ
ED
     Entered STN: 19980417
     Last Updated on STN: 19980417
     ANSWER 19 OF 63 CANCERLIT ON STN
1.6
     97217765
                   CANCERLIT
AN
DN
     97217765
                 PubMed ID: 9063726
     Inhibition of endotoxin-induced nitric oxide synthase production in microglial cells by the presence of astroglial cells: a role for transforming growth factor beta.
ΤI
     Vincent V A; Tilders F J; Van Dam A M
ΑU
     Research Institute Neurosciences Vrije Universiteit, Faculty of Medicine,
CS
     Department of Pharmacology, Amsterdam, The Netherlands.
             ***(1997 Mar)***
                                19 (3) 190-8.
     Journal code: 8806785. ISSN: 0894-1491.
     United States
CY
     Journal; Article; (JOURNAL ARTICLE)
DT
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LA
     English
     MEDLINE; Priority Journals
FS
     MEDLINE 97217765
os
EM
     199706
     Entered STN: 19970711
ED
     Last Updated on STN: 19970711
     ANSWER 20 OF 63 CAPLUS COPYRIGHT 2004 ACS ON STN
L6
     1998:14824 CAPLUS
ΑN
DN
     128:87741
     Human immunodeficiency virus type 1 and its coat protein gp120 induce
TI
     apoptosis and activate JNK and ERK mitogen-activated protein kinases in
     human neurons
     Lannuzel, Annie; Bianney Barnier, Jean; Hery, Christiane; Van Tan, Huynh;
     Guibert, Bernard; Gray, Francoise; Didier Vincent, Jean; Tardieu, Marc
     Laboratoire "Virus, Neurone, Immunite," Faculte de Medecine Paris-Sud,
CS
     Annals of Neurology ( ***1997*CODEN: ANNED3; ISSN: 0364-5134
SO
PB
     Lippincott-Raven Publishers
DT
     Journal
     English
LA
RE.CNT 50
               THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
L6
     ANSWER 21 OF 63 CAPLUS COPYRIGHT 2004 ACS ON STN
ΑN
     1993:33471 CAPLUS
DN
     118:33471
     Epidermal growth factor affects both glia and cholinergic neurons in
TI
     septal cell
                    ***cultures***
     Kenigsberg, R. L.; Mazzoni, I. E.; Collier, B.; Cuello, A. C. Cent. Rech., Hop. Ste-Justine, Montreal, QC, H3T 1C5, Can. Neuroscience (Oxford, United Kingdom) ( ***1992*** ), 50(1), 85-97
ΑU
CS
S0
     CODEN: NRSCDN; ISSN: 0306-4522
DT
     Journal
     English
LA
      ANSWER 22 OF 63 DRUGU COPYRIGHT 2004 THE THOMSON CORP on STN
L6
      1994-21284 DRUGU
                          PBE
AN
      Mycoplasma triggering of nitric oxide production by central nervous
TI
      system glial cells and its inhibition by glucocorticoids.
      Brenner T; Yamin A; Gallily R
ΑU
CS
      Univ.Hebrew-Jerusalem
      Jerusalem, Israel
Brain Res. (641, No. 1, 51-56, 1994) 3 Fig. 2 Tab. 37 Ref.
LO
S<sub>0</sub>
      CODEN: BRREAP
                            ISSN: 0006-8993
      Department of Neurology, Hadassah University Hospital, P.O. Box 12000,
ΑV
       Jerusalem, Israel.
LA
      English
DT
      Journal
FA
      AB; LA; CT
FS
      Literature
L6
      ANSWER 23 OF 63 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
      on STN
       1998250007
                    ESBIOBASE
ΑN
      Argininosuccinate synthetase: Localization in
                                                           ***astrocvtes***
TI
                                                                                and
       role in the production of glial nitric oxide
ΔIJ
       Schmidlin A.; Wiesinger H.
CS
      Dr. H. Wiesinger, Physiologisch-Chem. Inst. der Univ., Hoppe-Seyler-Str.
       4, D-72076 Tubingen, Germany.
      E-mail: heinrich.wiesinger@uni-tuebingen.de
GLIA, ( ***1998*** ), 24/4 (428-436), 43 reference(s)
SO
       CODEN: GLIAEJ ISSN: 0894-1491
      Journal; Article
DT
CY
      United States
LA
      English
SL
      English
     ANSWER 24 OF 63 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
L6
     on STN
     1998:806304 SCISEARCH
AN
     The Genuine Article (R) Number: 128XL
GA
     Receptors and effects of the inhibitory neuropeptide somatostatin in
TI
     microglial cells
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Feindī J; Schmidt A; Mentlein R (Reprint)

ΑU

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CHRISTIAN ALBRECHTS UNIV KIEL, INST ANAT, OLSHAUSENSTR 40, D-24098 KIEL,
CS
     GERMANY (Reprint); CHRISTIAN ALBRECHTS UNIV KIEL, INST ANAT, D-24098 KIEL,
     GERMANY
    GERMANY
CYA
     MOLECULAR BRAIN RESEARCH, ( ***1 OCT 1998*** ) Vol. 60, No. 2, pp.
SO
     228-233.
     Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
     NETHERLANDS.
     ISSN: 0169-328x.
DT
     Article; Journal
FS
     LIFE
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LA
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     Reference Count: 32
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
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L6
     on STN
AN
     96:245847 SCISEARCH
     The Genuine Article (R) Number: UB191
GA
             ***MICROGLIA***
ΤI
                                INTERACTIONS IN-VITRO
     ZHANG S C: FEDOROFF S (Reprint)
ΑU
     UNIV SASKATCHEWAN, COLL MED, DEPT ANAT, SASKATOON, SK S7N 5E5, CANADA
CS
     (Reprint); UNIV SASKATCHEWAN, COLL MED, DEPT ANAT, SASKATOON, SK S7N 5E5,
     CANADA
CYA
    CANADA
     ACTA NEUROPATHOLOGICA, ( ***APR 1996*** ) Vol. 91, No. 4, pp. 385-395.
SO
     ISSN: 0001-6322.
DT
     Article; Journal
     LIFE
FS
LA
     ENGLISH
REC
     Reference Count: 65
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
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L6
     on STN
     95:342598 SCISEARCH
ΑN
GA
     The Genuine Article (R) Number: QX448
                                                             ***MICROGLIA***
TI
     PLATELET-ACTIVATING-FACTOR PRODUCTION BY HUMAN FETAL
     EFFECT OF LIPOPOLYSACCHARIDES AND TUMOR-NECROSIS-FACTOR-ALPHA
ΑU
     JARANOWSKA A; BUSSOLINO F; SOGOS V; ARESE M; LAURO G M; GREMO F (Reprint)
     SCH MED CAGLIARI, DEPT CYTOMORPHOL, CAGLIARI, ITALY (Reprint); SCH MED
CS
     CAGLIARI, DEPT CYTOMORPHOL, CAGLIARI, ITALY; SCH MED TURIN, DEPT GENET
     BIOL & MED CHEM, TURIN, ITALY; UNIV ROMA 3, DEPT BIOL, ROME, ITALY
CYA
     ITALY
     MOLECULAR AND CHEMICAL NEUROPATHOLOGY, ( ***FEB/APR 1995*** ) Vol. 24.
SO
     No. 2-3, pp. 95-106.
     ISSN: 1044-7393.
DT
     Article; Journal
FS
     LIFE
LA
     ENGLISH
REC
     Reference Count: 40
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L6
     ANSWER 27 OF 63 USPATFULL on STN
AN
       2002:283365 USPATFULL
ΤI
       Invasion associated genes from Neisseria meningitidis serogroup B
       Ribot, Efrain M., Atlanta, GA, United States
IN
       Stephens, David S., Stone Mountain, GA, United States
       Raymond, Nigel, Wellington, NEW ZEALAND
       Quinn, Frederick D., Avondale Estates, GA, United States
PA
       Centers for Disease Control and Prevention, as represented by the
       Secretary, Department of Health and Human Services, Atlanta, GA, United
       States (U.S. government)
       us 6472518
PΙ
                               20021029
                   19980430
       wo 9817805
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       US 1999-284926
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ΑI
       wo 1997-us19424
                               19971024
                               19990817
                                         PCT 371 date
PRAI
       US 1996-30432P
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DT
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FS
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LN.CNT 3137
INCL
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NCL

NCLM:

536/023.700

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424/250.100; 435/069.100; 435/069.300; 435/243.000; 435/252.300;
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       536/23.7; 536/24.32; 536/24.1; 536/24.33; 435/69.1; 435/69.3; 435/320.1;
EXF
       435/243; 435/252.3; 424/250.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 28 OF 63 USPATFULL on STN
L6
       2002:88258 USPATFULL
ΑN
         ***Culture***
                           media for neurons, methods for preparing the
TI
         ***culture***
                           media, and methods for culturing neurons
       Watanabe, Yoshiaki, Akita, JAPAN
IN
       Sumitomo Bakelite Co., Ltd., Tokyo, JAPAN (non-U.S. corporation)
PA
                                  20020423
PΙ
       us 6376238
                            в1
                    19970116
       wo 9701628
                                  19970227 (8)
ΑI
       us 1997-776525
                                  19960626
       WO 1996-JP1764
                                            PCT 371 date
                                  19970227
                             19950627
PRAI
       JP 1995-160382
        JP 1996-40889
                              19960228
       JP 1996-147158
                             19960610
DT
       Utility
FS
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LN.CNT 756
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       INCLM: 435/325.000
       INCLS: 424/093.700; 424/520.000; 424/570.000; 435/404.000; 435/407.000;
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               435/325.000
       NCLM:
NCL
       NCLS:
               424/093.700; 424/520.000; 424/570.000; 435/404.000; 435/407.000;
               435/408.000
IC
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       ICM: A01N063-00
       ICS: A01N065-00; C12N005-00; C12N005-02 435/240.3; 435/325; 435/352; 435/378; 435/384; 435/388; 435/389;
EXF
       435/392; 435/405; 435/407; 435/948; 435/FOR100; 435/FOR101; 435/FOR102; 435/FOR13; 435/7.1; 435/404; 435/408; 424/93.7; 424/520; 424/570
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 29 OF 63 USPATFULL on STN
        2000:164300 USPATFULL
AN
       Compositions and methods for catalyzing hydrolysis of HIV gp120
TT
TN
        Paul, Sudhir, Omaha, NE, United States
       Kalaga, Ravishankar, Omaha, NE, United States
       The Board of Regents of the University of Nebraska, Omaha, NE, United
PA
        States (U.S. corporation)
       us 6156541
                                  20001205
ΡI
       wo 9703696
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                    19970206
       US 1998-23
                                  19980121 (9)
ΑI
       wo 1996-us12025
                                  19960719
                                  19980121
                                             PCT 371 date
                                  19980121
                                             PCT 102(e) date
PRAI
       US 1995-1321P
                             19950721 (60)
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FS
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               435/188.500; 530/412.000; 530/413.000
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       ICS: C12P021-08: C07K016-10
        424/148.1; 435/69.6; 435/188.5; 530/412; 530/413
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 30 OF 63 USPATFULL on STN
L6
AN
       1999:155781 USPATFULL
TI
       Arylsulfonamides as phospholipase A.sub.2 inhibitors
       John, Varghese, San Francisco, CA, United States
Rydel, Russell E., Belmont, CA, United States
IN
       Thorsett, Eugene D., Moss Beach, CA, United States
       Elan Pharmaceuticals, Inc., South San Francisco, CA, United States (U.S.
PA
       corporation)
PΙ
       us 5994398
                                  19991130
                                  19961211 (8)
       us 1996-766554
ΑI
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DT
         Utility
         Granted
FS
LN.CNT 1939
INCL
         INCLM: 514/485.000
         INCLS: 514/597.000; 514/603.000; 558/241.000; 560/012.000; 564/049.000;
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                 514/485.000
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                 564/086.000
IC
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         ICS: A01N047-28; C07C333-00; C07C273-00
EXF
         560/12; 558/241; 564/49; 564/86
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 31 OF 63 USPATFULL ON STN
ΑN
         1999:137456 USPATFULL
ΤI
         Platelet-activating factor acetylhydrolase
         Cousens, Lawrence S., Oakland, CA, United States
Eberhardt, Christine D., Redmond, WA, United States
IN
        Gray, Patrick, Seattle, WA, United States
Trong, Hai Le, Edmonds, WA, United States
Tjoelker, Larry W., Kirkland, WA, United States
Wilder, Cheryl L., Seattle, WA, United States
ICOS Corporation, Bothell, WA, United States (U.S. corporation)
PA
PΙ
        us 5977308
                                      19991102
                                      19970812 (8)
ΑI
        US 1997-910041
         Continuation-in-part of Ser. No. US 1995-483232, filed on 7 Jun 1995,
RLI
         now patented, Pat. No. US 5656431 which is a continuation-in-part of
         Ser. No. US 1994-318905, filed on 6 Oct 1994, now patented, Pat. No. US
         5641669 which is a continuation-in-part of Ser. No. US 1993-133803,
         filed on 6 Oct 1993, now abandoned
DT
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FS
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INCL
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                 530/300.000; 536/023.100; 536/023.200
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IC
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         ICS: C07K005-00; C07H021-04
EXF
         530/300; 530/350; 514/2; 536/23.1; 536/23.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 32 OF 63 USPATFULL on STN
ΑN
         1999:136974 USPATFULL
        Drug screening process
Hochman, Daryl W., Seattle, WA, United States
TI
IN
PA
         Cytoscan Sciences, L.L.C., Seattle, WA, United States (U.S. corporation)
                                      19991102
ΡI
        us 5976825
ΑI
        US 1997-949416
                                      19971014 (8)
RLI
        Continuation of Ser. No. US 1995-539296, filed on 4 Oct 1995
DT
        Utility
FS
        Granted
LN.CNT 1275
INCL
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NCLM: 435/029.000
NCL
        NCLS:
                 435/004.000
IC
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        ICS: C12Q001-00
        435/32: 435/4
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 33 OF 63 USPATFULL ON STN
AN
        1999:117339 USPATFULL
        Chimeric antiviral agents comprising Rev binding nucleic acids and
TT
        trans-acting ribozymes, and molecules encoding them
        Kraus, Gunter, Miami, FL, United States
Wong-Staal, Flossie, San Diego, CA, United States
Yu, Mang, San Diego, CA, United States
Yamada, Osamu, Kobe, Japan
The Regents of the University of California, Oakland, CA, United States
ΙN
PA
         (U.S. corporation)
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us 5958768
                                      19990928
PΙ
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        us 1996-697324
ΑI
PRAI
        US 1995-2793P
                                19950825 (60)
        Utility
DT
        Granted
FS
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INCL
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NCL
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IC
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        ICM: C07H021-04
        ICS: C12N005-16; C12N005-22; C12N015-79; C12N015-85
         536/24.5; 435/325; 435/320.1; 435/366; 435/372.3; 435/455; 514/44
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L<sub>6</sub>
      ANSWER 34 OF 63 USPATFULL ON STN
ΑN
        1999:40189 USPATFULL
TI
        Method of using a conditionally replicating viral vector to express a
        gene
        Dropulic , Boro, Ellicott City, MD, United States
Pitha, Paula M., Baltimore, MD, United States
IN
PA
        The Johns Hopkins University School of Medicine, Baltimore, MD, United
        States (U.S. corporation)
                                     19990330
        us 5888767
PΙ
        US 1997-917625
                                     19970822 (8)
ΑI
        Division of Ser. No. US 1996-758598, filed on 27 Nov 1996
RLI
        US 1995-32800P
                                19951125 (60)
PRAI
DT
        Utility
FS
        Granted
LN.CNT 2680
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        INCLM: 435/069.100
        INCLS: 435/091.310; 435/375.000
                435/069.100
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        NCLM:
        NCLS:
                435/091.310; 435/375.000
IC
        [6]
        ICM: C12N015-86
        ICS: C12N005-10
        435/5; 435/69.1; 435/91.31; 435/91.4; 435/235.1; 435/325; 435/375;
EXF
        435/320.1; 514/44; 935/32; 935/57; 935/70; 935/71
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 35 OF 63 USPATFULL on STN
AN
        1999:36929 USPATFULL
        Methods to prepare conditionally replicating viral vectors
Dropulic , Boro, Ellicott City, MD, United States
Pitha, Paula M., Baltimore, MD, United States
TI
ΙN
        The Johns Hopkins University School of Medicine, Baltimore, MD, United
PΑ
        States (U.S. corporation)
                                     19990323
PΙ
        us 5885806
        US 1996-758598
                                     19961127 (8)
ΑI
        Utility
DΤ
FS
        Granted
LN.CNT 2703
INCL
        INCLM: 435/091.410
        INCLS: 435/320.100; 536/025.100
NCLM: 435/091.410
NCL
        NCLS:
                435/320.100; 536/025.100
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        [6]
        ICM: C12N015-64
        ICS: C12N015-86; C07H021-02
EXF
        435/91.1; 435/91.31; 435/91.32; 435/91.33; 435/91.4; 435/91.41;
        435/172.1; 435/172.3; 435/320.1; 435/325; 435/375; 536/23.1; 536/24.5; 536/25.1; 514/44; 935/32; 935/34; 935/36; 935/57; 935/70; 935/71
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 36 OF 63 USPATFULL on STN
ΑN
        1999:33984 USPATFULL
        Isolation of novel HIV-2 proviruses
ΤI
        Kraus, Gunter, La Jolla, CA, United States
Wong-Staal, Flossie, San Diego, CA, United States
Talbott, Randy, Princeton, NJ, United States
TN
        Poeschla, Eric M., San Diego, CA, United States
The Regents of the University of California, Oakland, CA, United States
PA
        (U.S. corporation)
                                     19990316
PΙ
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US 5883081

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19960607 (8)
       us 1996-659251
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       US 1995-1441P
                             19950726 (60)
PRAI
       Utility
DT
FS
       Granted
LN.CNT 3964
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       INCLS: 424/160.100; 435/069.100; 435/320.100; 530/388.350; 536/023.100
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               514/044.000
               424/160.100; 435/069.100; 435/320.100; 530/388.350; 536/023.100
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       ICM: A01N043-04
       ICS: A61K039-42; C12P021-06; C12N015-00
       424/160.1; 435/69.1; 435/320.1; 514/44; 530/388.35; 536/23.1
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 37 OF 63 USPATFULL on STN
       1999:30798 USPATFULL
ΑN
       Use of celastrol to treat alzheimer's disease
TI
       Vigo-Pelfrey, Carmen, Mountain View, CA, United States
IN
PA
       Neurocal International, Mountain View, CA, United States (U.S.
       corporation)
       US 5880116
US 1996-768778
PΙ
                                 19990309
                                                                          <--
                                 19961213 (8)
ΑI
       Utility
DT
FS
       Granted
LN.CNT 607
INCL
       INCLM: 514/178.000
       INCLS: 514/177.000; 514/168.000; 514/171.000
NCL
               514/178.000
               514/168.000; 514/171.000; 514/177.000
       NCLS:
       [6]
IC
       ICM: A61K031-56
       514/168; 514/179; 514/177; 514/171
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 38 OF 63 USPATFULL ON STN
L6
       1998:162485 USPATFULL
ΑN
       Glial mitogenic factors, their preparation and use
TI
       Goodearl, Andrew, Chorleywood, United Kingdom
IN
       Stroobant, Paul, London, United Kingdom
       Minghetti, Luisa, Bagnacavallo, Italy
       Waterfield, Michael, Newbury, United Kingdom
       Marchioni, Mark, Arlington, MA, United States
       Chen, Mario Su, Arlington, MA, United States
       Hiles, Ian, London, England
       Cambridge NeuroScience, Inc., Cambridge, MA, United States (U.S.
PA
       corporation)
       Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
       corporation)
PΙ
       us 5854220
                                  19981229
ΑI
       us 1996-734591
                                 19961022 (8)
RLI
       Continuation of Ser. No. US 1995-470335, filed on 6 Jun 1995 which is a
       division of Ser. No. US 1993-36555, filed on 24 Mar 1993, now patented,
       Pat. No. US 5530109, issued on 25 Jun 1996 which is a
       continuation-in-part of Ser. No. US 1992-965173, filed on 23 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US
       1992-940389, filed on 3 Sep 1992, now abandoned which is a
       continuation-in-part of Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US
       1992-863703, filed on 3 Apr 1992, now abandoned
PRAI
       GB 1991-7566
                             19910410
       Utility
DT
FS
       Granted
LN.CNT 4401
INCL
       INCLM: 514/012.000
       INCLS: 514/002.000; 530/399.000; 530/350.000
NCL
       NCLM:
               514/012.000
       NCLS:
               514/002.000; 530/350.000; 530/399.000
IC
       [6]
       ICM: A61K038-00
       530/350; 530/300; 530/399; 514/2; 514/12; 424/85.1-85.7; 536/23.5;
EXF
        536/23.51
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 39 OF 63 USPATFULL ON STN
L6
```

1998:157600 USPATFULL

ΑN

```
TI
        Transgenic mouse deficient in inducible nitric oxide synthase
IN
        MacMicking, John, New York, NY, United States
        Nathan, Carl, Larchmont, NY, United States
        Mudgett, John S., Scotch Plains, NJ, United States
PA
        Cornell Research Foundation, Inc., Ithaca, NY, United States (U.S.
        corporation)
        Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
        US 5850004
                                   19981215
PΙ
        US 1997-808191
ΑI
                                   19970228 (8)
        Continuation of Ser. No. US 1994-284898, filed on 2 Aug 1994, now
RLI
        abandoned
DT
        Utility
        Granted
FS
LN.CNT 1440
        INCLM: 800/002.000
INCL
        INCLS: 800/DIG.001; 435/172.300; 435/320.100; 424/009.200
NCL
        NCLM:
                800/003.000
        NCLS:
                424/009.200; 435/320.100; 800/009.000; 800/010.000; 800/011.000;
                800/012.000; 800/018.000; 800/022.000; 800/024.000; 800/025.000
IC
        [6]
        ICM: C12N005-00
        ICS: C12N015-00; A61K049-00
        800/2; 800/DIG.1; 435/172.3; 435/320.1; 424/9.2
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 40 OF 63 USPATFULL on STN
AN
        1998:147225 USPATFULL
TI
        Methods for enriching specific cell-types by density gradient
        centrifugation
        Van Vlasselaer, Peter, Sunnyvale, CA, United States
ΙN
        Activated Cell Therapy, Inc., Mountain View, CA, United States (U.S.
PA
        corporation)
        us 5840502
us 1994-299467
                                   19981124
PΙ
                                                                             <--
ΑI
                                   19940831 (8)
        Utility
DT
        Granted
FS
LN.CNT 2018
INCL
        INCLM: 435/007.210
        INCLS: 210/781.000; 210/782.000; 435/002.000; 435/007.230; 435/007.240;
                435/803.000; 436/514.000; 436/518.000; 436/527.000; 436/824.000:
                422/072.000; 422/101.000; 422/102.000
                435/007.210
NCL
        NCLM:
               210/781.000; 210/782.000; 422/072.000; 422/101.000; 422/102.000; 435/002.000; 435/007.230; 435/007.240; 435/803.000; 436/514.000; 436/518.000; 436/527.000; 436/824.000
        NCLS:
        [6]
IC
        ICM: G01N033-567
        ICS: B01L011-00
        210/781; 210/782; 435/2; 435/7.21; 435/7.23; 435/7.24; 435/803; 436/514; 436/518; 436/527; 436/824; 422/72; 422/101; 422/102
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 41 OF 63 USPATFULL ON STN
ΑN
        1998:108431 USPATFULL
ΤI
        Aromatic hydroxamic acid compounds, their production and use
IN
        Kato, Kaneyoshi, Kawanishi, Japan
        Miki, Shokyo, Ibaraki, Japan
        Naruo, Ken-ichi, Sanda, Japan
Takahashi, Hideki, Ikeda, Japan
PA
        Takeda Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
        us 5804601
PΙ
                                   19980908
ΑI
        us 1996-629623
                                   19960409 (8)
PRAI
        JP 1995-84342
                              19950410
        JP 1995-215932
                              19950824
        Utility
DT
FS
        Granted
LN.CNT 4448
INCL
        INCLM: 514/563.000
                546/136.000; 546/147.000; 548/171.000; 548/217.000; 552/299.000;
        INCLS:
                552/310.000; 562/874.000
                514/563.000
NCL
        NCLM:
               546/136.000; 546/147.000; 548/171.000; 548/217.000; 552/299.000; 552/310.000; 562/874.000
        NCLS:
IC
        [6]
        ICM: C07C259-06
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ICS: A61K031-165

```
562/874; 548/171; 548/217; 552/229; 552/310; 540/136; 540/147; 514/563
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 42 OF 63 USPATFULL on STN
L6
        1998:104388 USPATFULL
ΑN
        Methods of use of mononuclear phagocytes to promote axonal regeneration
TT
IN
        Eisenbach-Schwartz, Michal, Rehovot, Israel
        Spiegler, Orly, Rehovot, Israel
Hirschberg, David L., Stanford, CA, United States
        Yeda Research And Development Co. Ltd., Rehovot, Israel (non-U.S.
PΑ
        corporation)
PΙ
        US 5800812
                                     19980901
                                                                                 <--
ΑI
        US 1996-695351
                                     19960809 (8)
        Continuation-in-part of Ser. No. US 1995-528845, filed on 15 Sep 1995.
RLI
        now abandoned
DT
        Utility
FS
        Granted
LN.CNT 1061
INCL
        INCLM: 424/093.700
NCL
        NCLM: 424/093.700
IC
        [6]
        ICM: C12N005-06
        424/93.7; 424/520; 424/570; 435/948
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 43 OF 63 USPATFULL on STN
        1998:95619 USPATFULL
ΑN
ΤI
        Glial mitogenic factors, their preparation and use
        Goodearl, Andrew, Chorleywood, United Kingdom
IN
        Stroobant, Paul, London, United Kingdom
        Minghetti, Luisa, Bagnacavallo (RA), Italy
Waterfield, Michael, Newbury, United Kingdom
Marchioni, Mark, Arlington, MA, United States
Chen, Mario Su, Arlington, MA, United States
        Hiles, Ian, London, England
PA
        Ludwig Institute for Cancer Research and Cambridge NeuroScience, New
        York, NY, United States (U.S. corporation)
        Cambridge NeuroScience, Cambridge, MA, United States (U.S. corporation)
PΙ
        us 5792849
                                     19980811
        us 1995-469526
                                     19950606 (8)
ΑI
        Division of Ser. No. US 1993-36555, filed on 24 Mar 1993, now patented,
RLI
        Pat. No. US 5530109 which is a continuation-in-part of Ser. No. US
        1992-863703, filed on 3 Apr 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-940389, filed on 3 Sep 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-965173, filed on 23 Oct 1992,
        now abandoned
PRAI
        GB 1991-7566
                                19910410
DT
        Utility
FS
        Granted
LN.CNT 4510
        INCLM: 536/023.500
INCL
        INCLS: 435/252.300; 435/320.100; 530/399.000
NCL
        NCLM:
               536/023.500
IC
        [6]
        ICM: C12N015-19
        ICS: C07H021-04
        435/7.21; 435/69.1; 435/69.4; 435/69.8; 435/69.7; 435/320.1; 435/252.3;
EXF
        536/23.1; 536/23.4; 536/23.5; 536/23.51; 536/24.1; 530/399
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 44 OF 63 USPATFULL on STN
        1998:82864 USPATFULL
ΑN
        Compounds and methods for inhibiting .beta.-protein filament formation
TI
        and neurotoxicity
        Potter, Huntington, Boston, MA, United States
IN
        President and Fellows of Harvard College, Cambridge, MA, United States
PA
        (U.S. corporation)
        ùs 5780587
ΡI
                                     19980714
                                                                                 <--
        us 1995-417937
                                     19950406 (8)
ΑI
        Continuation-in-part of Ser. No. US 1994-328491, filed on 25 Oct 1994,
RLI
        now abandoned which is a continuation-in-part of Ser. No. US
        1994-290198, filed on 15 Aug 1994, now abandoned which is a
        continuation-in-part of Ser. No. US 1994-179574, filed on 10 Jan 1994,
        now patented, Pat. No. US 5506097 which is a continuation-in-part of
```

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ser. No. US 1992-819361, filed on 13 Jan 1992, now patented, Pat. No. US
       5338663 which is a continuation-in-part of Ser. No. US 1990-572671,
       filed on 24 Aug 1990, now abandoned
PRAI
       wo 1993-us325
                             19930113
       Utility
DT
       Granted
FS
LN.CNT
       1683
       INCLM:
               530/326.000
INCL
               530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/331.000
       INCLS:
       NCLM:
               530/326.000
NCL
               530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/331.000
       NCLS:
IC
       [6]
       ICM: C07K005-00
       ICS: C07K007-00; C07K017-00
EXF
       530/326-331
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 45 OF 63 USPATFULL ON STN
       1998:68873
                    USPATFULL
AN
ΤI
       Method for production of neuroblasts
       Gage, Fred H., La Jolla, CA, United States
ΙN
       Ray, Jasodhara, San Diego, CA, United States
The Regents of the University of California, Oakland, CA, United States
PA
       (U.S. corporation)
PΙ
       us 5766948
                                  19980616
ΑI
       US 1993-147843
                                  19931103 (8)
       Continuation-in-part of Ser. No. US 1993-1543, filed on 6 Jan 1993, now
RLI
       abandoned
DT
       Utility
       Granted
FS
LN.CNT 1536
       INCLM: 435/368.000
INCL
       INCLS: 435/325.000; 435/366.000; 435/395.000; 435/402.000; 435/404.000
               435/368.000
NCL
       NCLM:
               435/325.000; 435/366.000; 435/395.000; 435/402.000; 435/404.000
       NCLS:
IC
       [6]
       ICM: C12N005-00
EXF
       435/240.2; 435/240.21; 435/240.23; 435/240.243; 435/240.3; 435/240.31;
       435/325; 435/366; 435/368; 435/404; 435/395; 435/402
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 46 OF 63 USPATFULL on STN
AN
       1998:64722 USPATFULL
TI
       Method of grafting genetically modified cells to treat defects, disease
       or damage of the central nervous system
       Gage, Fred H., La Jolla, CA, United States
ΙN
       Schinstine, Malcolm, San Diego, CA, United States
       Ray, Jasodhara, San Diego, CA, United States
       Friedmann, Theodore, La Jolla, CA, United States
       Kawaja, Michael D., Toronto, Canada
       Rosenberg, Michael B., San Diego, CA, United States
       Wolff, Jon A., Madison, WI, United States
The Regents of the University of California, Oakland, CA, United States
PA
       (U.S. corporation)
PΙ
       us 5762926
                                  19980609
                                                                          <--
ΑI
       us 1995-464397
                                  19950605 (8)
       Division of Ser. No. US 1994-209609, filed on 10 Mar 1994 which is a continuation of Ser. No. US 1991-792894, filed on 15 Nov 1991, now
RLI
       abandoned which is a continuation-in-part of Ser. No. US 1988-285196,
       filed on 15 Dec 1988, now patented, Pat. No. US 5082670
DT
       Utility
FS
       Granted
LN.CNT 4865
INCL
       INCLM: 424/093.210
       INCLS: 435/320.100; 435/375.000; 435/069.100; 435/172.300; 935/062.000;
               935/070.000; 514/044.000
NCL
               424/093.210
       NCLM:
       NCLS:
               435/069.100; 435/320.100; 435/375.000; 514/044.000
IC
       [6]
       ICM: C12N005-00
       ICS: C12N015-09; C12N015-79; A61K048-00
EXF
       424/93.21; 424/570; 435/172.3; 435/240.2; 435/948; 435/320.1; 435/375;
       435/69.1; 935/62; 935/70; 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

L6

ANSWER 47 OF 63 USPATFULL ON STN

```
1998:30992 USPATFULL
AN
TI
        Method for treating Alzheimer's disease using glial line-derived
        neurotrophic factor (GDNF) protein product
        Williams, Lawrence R., Thousand Oaks, CA, United States
IN
        Amgen Inc., Thousand Oaks, CA, United States (U.S. corporation)
PA
        US 5731284 US 1995-535682
PΙ
                                   19980324
ΑI
                                   19950928 (8)
        Utility
DT
FS
        Granted
LN.CNT 1677
INCL
        INCLM: 514/008.000
        INCLS: 514/021.000
NCL
        NCLM:
                514/008.000
        NCLS:
                514/021.000
IC
        [6]
        ICM: A61F002-00
        ICS: A61K047-00; A61K031-685; A61K038-00
EXF
        514/8; 514/21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 48 OF 63 USPATFULL ON STN
ΑN
        1998:22344 USPATFULL
ΤI
        Method of purifying cardiac hypertrophy factor
        Baker, Joffre, El Granada, CA, United States
IN
        Chien, Kenneth, La Jolla, CA, United States
        King, Kathleen, Pacifica, CA, United States
        Pennica, Diane, Burlingame, CA, United States
        Wood, William, San Mateo, CA, United States
PA
        Genentech, Inc., South San Francisco, CA, United States (U.S.
        corporation)
        us 5723585
PI
                                   19980303
        us 1995-443130
ΑI
                                   19950517 (8)
        Division of Ser. No. US 1994-286304, filed on 5 Aug 1994, now patented,
RLI
        Pat. No. US 5571893 which is a continuation-in-part of Ser. No. US
        1994-233609, filed on 25 Apr 1994, now patented, Pat. No. US 5534615
DT
        Utility
FS
        Granted
LN.CNT 4213
INCL
        INCLM: 530/413.000
        INCLS: 530/350.000; 530/380.000; 930/140.000
NCL
        NCLM:
                530/413.000
        NCLS:
                530/350.000; 530/380.000; 930/140.000
IC
        [6]
        ICM: C07K001-22
        ICS: C07K014-00; C07K014-47; A61K038-36 530/413; 530/350; 530/380; 530/930
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 49 OF 63 USPATFULL on STN
AN
        1998:14778
                    USPATFULL
TI
        Glial growth factors
IN
        Goodearl, Andrew David, Chorleywood, United Kingdom
        Stroobant, Paul, Half Moon Bay, CA, United States
        Minghetti, Luisa, Bagnacavallo, Italy
       Waterfield, Michael, Newbury, United Kingdom
Marchionni, Mark, Arlington, MA, United States
Chen, Maio Su, Arlington, MA, United States
        Hiles, Ian, London, England
        Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
PA
        corporation)
        Cambridge Neuroscience, Cambridge, MA, United States (U.S. corporation)
PΙ
        us 5716930
                                   19980210
ΑI
        US 1994-249322
                                   19940526 (8)
        Continuation-in-part of Ser. No. US 1993-36555, filed on 24 Mar 1993,
RLI
        now patented, Pat. No. US 5530109 And a continuation-in-part of Ser. No.
        US 1992-965173, filed on 23 Oct 1992, now abandoned And a
       continuation-in-part of Ser. No. US 1992-940389, filed on 3 Sep 1992, now abandoned And a continuation-in-part of Ser. No. US 1992-907138,
       filed on 30 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1992-863703, filed on 3 Apr 1992, now abandoned
PRAI
       GB 1991-7566
                              19910410
DT
       Utility
FS
       Granted
LN.CNT 3353
        INCLM: 514/012.000
INCL
        INCLS: 514/002.000; 530/350.000; 435/069.100
```

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NCL
        NCLM:
                514/012.000
        NCLS:
                435/069.100; 514/002.000; 530/350.000
IC
        [6]
        ICM: A61K038-18
        ICS: C07k014-475
        530/350; 435/69.1; 514/2; 514/12
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 50 OF 63 USPATFULL on STN
L6
        1998:4424 USPATFULL
AN
TI
        Identification of phospholipase A2 inhibitors in A.beta.
        peptide-mediated neurodegenerative disease
        Rydel, Russell E., Belmont, CA, United States
ΙN
        Dappen, Michael S., San Bruno, CA, United States
PA
        Athena Neurosciences, Inc., San Francisco, CA, United States (U.S.
        corporation)
                                    19980113
PΙ
        US 5707821
ΑI
        us 1995-476464
                                    19950607 (8)
DT
        Utility
FS
        Granted
LN.CNT 1580
INCL
        INCLM: 435/018.000
        INCLS: 435/004.000; 514/012.000
NCL
                435/018.000
        NCLM:
        NCLS:
                435/004.000; 514/012.000
IC
        [6]
        ICM: C12Q001-34
        ICS: A61K000-00
EXF
        514/12; 435/18; 435/4
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 51 OF 63 USPATFULL ON STN
        97:96744 USPATFULL
ΑN
TI
        Gene encoding cardiac hypertrophy factor
IN
        Baker, Joffre, El Granada, CA, United States
        Chien, Kenneth, La Jolla, CA, United States
        King, Kathleen, Pacifica, CA, United States
        Pennica, Diane, Burlingame, CA, United States
        Wood, William, San Mateo, CA, United States
PΑ
        Genentech, Inc., South San Francisco, CA, United States (U.S.
        corporation)
        The Regents of the University of California, Oakland, CA, United States
        (U.S. corporation)
        ùs 5679545
PΙ
                                    19971021
        us 1995-443952
                                    19950517 (8)
ΑI
        Division of Ser. No. US 1994-286304, filed on 5 Aug 1994, now patented, Pat. No. US 5571893, issued on 5 Nov 1996 which is a continuation-in-part of Ser. No. US 1994-233609, filed on 25 Apr 1994,
RLI
        now patented, Pat. No. US 5534615, issued on 9 Jul 1996
DT
        Utility
FS
        Granted
LN.CNT 4217
INCL
        INCLM: 435/069.100
        INCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.500
NCLM: 435/069.100
NCL
        NCLS:
                435/252.300; 435/320.100; 435/325.000; 536/023.500
IC
        [6]
        ICM: C12N015-00
        ICS: C12N015-85; C12N015-63; C07H021-04
        530/350; 424/569; 435/6; 435/7.2; 435/69.1; 435/240.2; 435/252.3;
EXF
        435/320.1; 435/325; 536/22.1; 536/23.1; 536/23.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 52 OF 63 USPATFULL ON STN
16
        97:63758 USPATFULL
Method of grafting genetically modified cells to treat defects, disease
ΑN
TI
        or damage of the central nervous system
        Gage, Fred H., La Jolla, CA, United States
Friedmann, Theodore, La Jolla, CA, United States
Rosenberg, Michael B., San Diego, CA, United States
IN
        Wolff, Jon A., Madison, WI, United States
        Schinstine, Malcolm, San Diego, CA, United States
        Kawaja, Michael D., Toronto, Canada
        Ray, Jasodhara, San Diego, CA, United States
The Regents of the University of California, Oakland, CA, United States
PA
        (U.S. corporation)
```

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us 5650148
                                  19970722
PΙ
                                                                           <--
        us 1994-209609
                                  19940310 (8)
ΑI
        Continuation of Ser. No. US 1991-792894, filed on 15 Nov 1991, now
RLI
        abandoned which is a continuation-in-part of Ser. No. US 1988-285196,
        filed on 15 Dec 1988, now patented, Pat. No. US 5082670
DT
        Utility
FS
        Granted
LN.CNT 4924
INCL
        INCLM: 424/093.200
        INCLS: 424/093.210; 435/172.300; 435/948.000; 514/044.000; 935/062.000;
               935/070.000
        NCLM:
NCL
               424/093.200
        NCLS:
               424/093.210; 435/948.000; 514/044.000
IC
        [6]
        ICM: A61K048-00
        ICS: A61K031-00; C12N015-00; C12N005-00
EXF
        424/93.21; 424/570; 435/172.3; 435/240.2; 435/948; 935/62; 935/70;
        514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 53 OF 63 USPATFULL ON STN
        97:49813 USPATFULL
ΑN
TI
        Process for making (2S,5S)-5-fluoromethylornithine
TN
        Jund, Karin, Strasbourg, France
        Ducep, Jean-Bernard, Sundhoffen, France
       Merrell Pharmaceuticals, Inc., Cincinnati, OH, United States (U.S.
PA
        corporation)
PΙ
       US 5637768
                                  19970610
       wo 9417795
                     19940818
                                                                           <--
                                  19950718 (8)
ΑI
       US 1995-491968
       wo 1993-us11283
                                  19931119
                                  19950718
                                             PCT 371 date
                                  19950718
                                             PCT 102(e) date
                              19930205
PRAI
        FR 1993-400303
       Utility
DT
FS
        Granted
LN.CNT 1096
INCL
        INCLM: 562/561.000
NCL
               562/561.000
       NCLM:
IC
        [6]
        ICM: C07C229-00
        514/564; 562/561
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 54 OF 63 USPATFULL ON STN
ΑN
        97:38416 USPATFULL
ΤI
       Hybridomas producing antibodies to cardiac hypertrophy factor
       Baker, Joffre, El Granada, CA, United States
ΙN
       Chien, Kenneth, La Jolla, CA, United States
       King, Kathleen, Pacifica, CA, United States
        Pennica, Diane, Burlingame, CA, United States
       Wood, William, San Mateo, CA, United States
PA
       Genentech, Inc., United States (U.S. corporation)
       The Regents of the University of California, United States (U.S.
       corporation)
       us 5627073
us 1995-443129
PΙ
                                  19970506
                                  19950517 (8)
ΑI
       Division of Ser. No. US 1994-286304, filed on 5 Aug 1994 which is a continuation-in-part of Ser. No. US 1994-233609, filed on 25 Apr 1994,
RLI
       now abandoned
DT
       Utility
FS
       Granted
LN.CNT 4258
INCL
       INCLM: 435/331.000
       INCLS: 435/070.210; 435/172.100; 435/069.600; 435/252.330; 435/332.000;
               435/336.000; 530/387.900; 530/388.230; 530/387.300; 530/391.300; 424/139.100; 424/145.100
NCL
       NCLM:
               435/331.000
               424/139.100; 424/145.100; 435/069.600; 435/070.210; 435/252.330; 435/332.000; 435/336.000; 530/387.300; 530/387.900; 530/388.230;
       NCLS:
               530/391.300
IC
        [6]
       ICM: C12N005-18
       ICS: C12N005-22
       424/139.1; 424/145.1; 424/152.1; 424/158.1; 424/172.1; 424/178.1;
EXF
       424/136.1; 435/69.6; 435/70.21; 435/172.2; 435/172.1; 435/172.3;
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435/240.27; 435/252.33; 530/387.3; 530/387.9; 530/388.15; 530/388.23;
         530/388.24; 530/391.3; 530/389.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 55 OF 63 USPATFULL ON STN
         97:36067 USPATFULL
ΑN
TI
         Antibodies to cardiac hypertrophy factor and uses thereof
         Baker, Joffre, El Granada, CA, United States
Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
IN
         Pennica, Diane, Burlingame, CA, United States
         Wood, William, San Mateo, CA, United States
PA
         Genentech, Inc., South San Francisco, CA, United States (U.S.
         corporation)
         The Regents of the University of California, Oakland, CA, United States
         (U.S. corporation)
US 5624806
PΙ
                                       19970429
         US 1995-442745
ΑI
                                       19950517 (8)
         Division of Ser. No. US 1994-286304, filed on 5 Aug 1994 which is a
RLI
         continuation of Ser. No. US 1994-233609, filed on 25 Apr 1994, now
         patented, Pat. No. US 5534615
DT
         Utility
FS
         Granted
LN.CNT 4254
INCL
         INCLM: 435/007.100
         INCLS: 435/240.270; 530/387.900; 530/388.850; 530/387.300; 530/391.300
NCL
                 435/007.100
         NCLM:
         NCLS:
                  435/331.000; 435/344.100; 530/387.300; 530/387.900; 530/388.850;
                  530/391.300
IC
         [6]
         ĪCM: G01N033-53
         ICS: C12N005-12; C07K016-22
         530/387.1; 530/389.1; 530/389.2; 530/388.24; 530/387.24; 530/387.9; 530/388.85; 530/391.3; 530/888.1; 530/388.15; 530/387.3; 424/130.1;
EXF
         424/145.1; 424/139.1; 424/7.24; 424/156.1; 424/141.1; 424/142.1;
         424/133.1; 424/178.1; 424/136.1; 435/240.27; 435/70.21; 435/7.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
      ANSWER 56 OF 63 USPATFULL on STN
AN
         97:31800 USPATFULL
ΤI
         Glial mitogenic factors
ΙN
         Goodearl, Andrew, Chorleywood, United Kingdom
        Stroobant, Paul, London, United Kingdom
Minghetti, Luisa, Bagnacavallo, Italy
Waterfield, Michael, Newbury, United Kingdom
Marchioni, Mark, Arlington, MA, United States
         Chen, Mario S., Arlington, MA, United States
         Hiles, Ian, London, England
         Ludwig Institute for Cancer Research, NY, United States (U.S.
PΑ
         corporation)
         Cambridge Neuroscience, Cambridge, MA, United States (U.S. corporation)
         us 5621081
us 1995-471855
PΙ
                                       19970415
ΑI
                                       19950606 (8)
        Division of Ser. No. US 1993-36555, filed on 24 Mar 1993 which is a continuation-in-part of Ser. No. US 1992-863703, filed on 3 Apr 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned which is a
RLI
         continuation-in-part of Ser. No. US 1992-940389, filed on 3 Sep 1992, now abandoned which is a continuation-in-part of Ser. No. US
         1992-965173, filed on 23 Oct 1992, now abandoned
DT
         Utility
FS
         Granted
LN.CNT 3290
INCL
         INCLM: 530/350.000
                 530/395.000; 530/399.000
         INCLS:
NCL
                  530/350.000
         NCLM:
         NCLS:
                 530/395.000; 530/399.000
TC
         [6]
         ICM: C07K014-475
         514/2; 514/12; 530/350; 530/395; 530/399; 435/69.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 57 OF 63 USPATFULL on STN
L6
         97:12435 USPATFULL
ΑN
        Method of using a secretable glial mitogenic factor to induce
TI
         acetylcholine receptor synthesis
```

```
Goodearl, Andrew, Chorleywood, United Kingdom
stroobant, Paul, London, United Kingdom
IN
       Minghetti, Luisa, Bagnacavallo, Italy
Waterfield, Michael, Newbury, United Kingdom
Marchioni, Mark, Arlington, MA, United States
        Chen, Mario S., Arlington, MA, United States
       Hiles, Ian, London, England
PA
        Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
        corporation)
        Cambridge Neuroscience Research Inc., Cambridge, MA, United States (U.S.
        corporation)
        us 5602096
PΙ
                                   19970211
        US 1995-472008
                                   19950606 (8)
ΑI
       Division of Ser. No. US 1993-36555, filed on 24 Mar 1993, now patented,
RLI
        Pat. No. US 5530109 which is a continuation-in-part of Ser. No. US
        1992-965173, filed on 23 Oct 1992, now abandoned Ser. No. Ser. No. US
        1992-940389, filed on 3 Sep 1992, now abandoned Ser. No. Ser. No. US
        1992-907138, filed on 30 Jun 1992, now abandoned And Ser. No. US
        1992-863703, filed on 3 Apr 1992, now abandoned
PRAI
        GB 1991-7566
                              19910410
        Utility
DT
FS
        Granted
LN.CNT 3304
INCL
        INCLM: 514/012.000
        INCLS: 514/002.000; 530/350.000; 435/069.100
NCL
               514/012.000
        NCLM:
       NCLS:
               435/069.100; 514/002.000; 530/350.000
IC
        [6]
        ICM: A61K038-18
EXF
        514/2; 514/12; 530/350; 435/69.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 58 OF 63 USPATFULL ON STN
ΑN
        96:101657 USPATFULL
ΤI
        Cardiac hypertrophy factor
        Baker, Joffre, El Granada, CA, United States
ΙN
       Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
        Pennica, Diane, Burlingame, CA, United States
       Wood, William, San Mateo, CA, United States
PA
        Genentech, Inc., South San Francisco, CA, United States (U.S.
        Regents of the Univ. of California, Oakland, CA, United States (U.S.
        corporation)
       us 5571893
PΙ
                                   19961105
ΑI
        us 1994-286304
                                  19940805 (8)
        Continuation of Ser. No. US 1994-233609, filed on 25 Apr 1994, now
RLI
        patented, Pat. No. US 5534615
DT
        Utility
FS
        Granted
LN.CNT 4056
        INCLM: 530/350.000
INCL
        INCLS: 530/399.000; 530/351.000; 930/140.000
NCL
       NCLM:
               530/350.000
               530/351.000; 530/399.000; 930/140.000
       NCLS:
IC
        [6]
        ICM: C07K014-52
        ICS: A61K038-19
        530/350; 530/399; 530/351; 514/12; 930/140
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 59 OF 63 USPATFULL on STN
L6
        96:101443 USPATFULL
AN
       Detection and amplification of candiotrophin-1(cardiac hypertrophy
ΤI
       Baker, Joffre, El Granada, CA, United States
ΙN
       Chien, Kenneth, La Jolla, CA, United States
       King, Kathleen, Pacifica, CA, United States
       Pennica, Diane, Burlingame, CA, United States
Wood, William, San Mateo, CA, United States
PA
       Genentech, Inc., South San Francisco, CA, United States (U.S.
       corporation)
       Regents of the Univ. of California, Oakland, CA, United States (U.S.
       corporation)
PΙ
       us 5571675
                                  19961105
                                                                            <--
       us 1995-444083
                                  19950517 (8)
ΑI
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Division of Ser. No. US 1994-286304, filed on 5 Aug 1994 which is a
RLI
        continuation-in-part of Ser. No. US 1994-233609, filed on 25 Apr 1994
DT
        Utility
        Granted
FS
LN.CNT 4298
INCL
        INCLM: 435/006.000
        INCLS: 435/091.200; 435/091.210; 536/024.300; 536/024.310; 536/024.320;
               536/024.330
NCL
       NCLM:
               435/006.000
       NCLS:
               435/091.200; 435/091.210; 536/024.300; 536/024.310; 536/024.320;
               536/024.330
IC
        [6]
        ICM: C12Q001-68
        ICS: C12P019-34; C07H021-04
EXF
       435/6; 435/91.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 60 OF 63 USPATFULL on STN
AN
        96:60798 USPATFULL
        Cardiac hypertrophy factor and uses therefor
ΤI
       Baker, Joffre, El Granada, CA, United States
Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
ΙN
       Pennice, Diane, Burlingame, CA, United States
       Wood, William, San Mateo, CA, United States
PA
       Genentech, Inc., South San Francisco, CA, United States (U.S.
       corporation)
       The Regents of the University of California, Oakland, CA, United States
        (U.S. corporation)
PΙ
       us 5534615
                                 19960709
                                                                         <--
       us 1994-233609
ΑI
                                 19940425 (8)
DT
       Utility
FS
        Granted
       3897
LN.CNT
       INCLM: 530/350.000
INCL
       INCLS: 530/380.000; 424/569.000; 424/570.000
               530/350.000
NCL
       NCLM:
               424/569.000; 424/570.000; 530/380.000
       NCLS:
IC
       [6]
       ICM: C07K001-00
       ICS: A61K035-14; A61K035-30
EXF
       530/350; 530/380; 424/569; 424/570
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 61 OF 63 USPATFULL ON STN
ΑN
       96:55863
                 USPATFULL
ΤI
       DNA encoding glial mitogenic factors
IN
       Goodearl, Andrew, Chorleywood, United Kingdom
       Stroobant, Paul, London, England
       Minghetti, Luisa, Bagnacavallo, Italy
       Waterfield, Michael, Newbury, United Kingdom
       Marchioni, Mark, Arlington, MA, United States
       Chen, Mario S., Arlington, MA, United States
       Hiles, Ian, London, England
PA
       Ludwig Institute For Cancer Research, New York, NY, United States (U.S.
       corporation)
       Cambridge Neuroscience, Cambridge, MA, United States (U.S. corporation)
PT
       us 5530109
                                 19960625
       us 1993-36555
AΤ
                                 19930324 (8)
       Continuation-in-part of Ser. No. US 1992-965173, filed on 23 Oct 1992,
RLI
       now abandoned Ser. No. Ser. No. US 1992-940389, filed on 3 Sep 1992, now
       abandoned Ser. No. Ser. No. US 1992-907138, filed on 30 Jun 1992, now
       abandoned And Ser. No. US 1992-863703, filed on 3 Apr 1992, now
       abandoned
PRAI
       GB 1991-7566
                            19910410
DT
       Utility
FS
       Granted
LN.CNT 3401
INCL
       INCLM: 536/023.500
       INCLS: 435/320.100; 435/252.300; 530/399.000
               536/023.500
NCL
       NCLM:
       NCLS:
              435/252.300; 435/320.100; 530/399.000
IC
       [6]
       ICM: C12N015-19
       530/399; 536/23.5; 435/320.1; 435/252.3
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
ANSWER 62 OF 63 USPATFULL ON STN
L6
        95:94825 USPATFULL
AN
        Transduced fibroblasts
TT
        Mulligan, Richard C., Cambridge, MA, United States
IN
       Wilson, James M., Waltham, MA, United States
       Whitehead Institute for Biomedical Research, Cambridge, MA, United
PA
        States (U.S. corporation)
PΙ
        US 5460959
                                  19951024
        US 1993-70646
ΑI
                                  19930601 (8)
        Continuation of Ser. No. US 1987-96074, filed on 11 Sep 1987, now
RLI
DT
       Utility
        Granted
FS
LN.CNT 1102
INCL
        INCLM: 435/172.300
       INCLS: 424/093.210; 435/069.100; 435/240.100; 435/240.200; 435/240.230; 435/240.240; 435/320.100; 935/032.000; 935/034.000; 935/057.000; 935/062.000; 935/070.000; 935/071.000
               435/456.000
NCL
       NCLM:
       NCLS:
               424/093.210; 435/069.100; 435/320.100; 435/366.000
IC
        [6]
        ICM: C12N005-10
        ICS: C12N015-86
       435/240.1; 435/240.2; 435/240.23; 435/320.1; 435/240.24; 424/93.1;
EXF
        424/93.2; 424/93.21;
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 63 OF 63 USPATFULL on STN
        94:1536 USPATFULL
ΑN
       Methods and compositions; purified preparation of neural progenitor
ΤI
       regulatory factor
IN
        Bottenstein, Jane E., League City, TX, United States
        Board of Regents, University of Texas, Austin, TX, United States (U.S.
PA
       corporation)
PΙ
       US 5276145
                                  19940104
       us 1992-852755
                                  19920317 (7)
ΑI
       Continuation of Ser. No. US 1989-389841, filed on 4 Aug 1989, now
RLI
        abandoned
DT
       Utility
        Granted
FS
LN.CNT 2193
        INCLM: 530/399.000
INCL
       INCLS: 530/350.000
               530/399.000
NCL
       NCLM:
               530/350.000
       NCLS:
        [5]
IC
        ICM: A61K037-02
        ICS: A61K037-36; C07K003-02; C07K015-06
        530/350; 530/399; 514/12; 514/21; 514/2; 514/8
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
=> S L5 AND patient
  19 FILES SEARCHED...
  31 FILES SEARCHED...
            116 L5 AND PATIENT
=> D L7 1-116
L7
     ANSWER 1 OF 116 ADISCTI COPYRIGHT (C) 2004 Adis Data Information BV on
     STN
AN
     1995:38078
                 ADISCTI
     800353194
DN
     In vitro evidence for a dual role of tumor necrosis factor-alpha in human
     immunodeficiency virus type 1 encephalopathy. ADIS TITLE: HIV infections: pathogenesis.
     Role of TNF-alpha in HIV-1 dementia.
     Wilt S G; Milward E; Zhou J M; Nagasato K; Patton H; et al.
ΑU
     National Institute of Neurological Disorders and Stroke, Bethesda,
CS
     Maryland, USA.
     Annals of Neurology (Mar 1, 1995), Vol. 37, pp. 381-394
SO
DT
     Study
     Antivirals
RE
FS
     Summary
```

LA

English

```
WC
     494
     ANSWER 2 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
L7
     STN
     1999:332249 BIOSIS
AN
      PREV199900332249
DN
     The 14-3-3 protein detectable in the cerebrospinal fluid of
TI
        ***patients***
                         with prion-unrelated neurological diseases is expressed
                                                           ***culture***
     constitutively in neurons and glial cells in
ΑU
     Satoh, Jun-ichi [Reprint author]; Kurohara, Kazuhiro; Yukitake, Motohiro;
     Kuroda, Yasuo
     Division of Neurology, Department of Internal Medicine, Saga Medical
CS
     School, 5-1-1 Nabeshima, Saga, 849-8501, Japan European Neurology, (May, 1999) Vol. 41, No. 4, pp. 216-225. print. CODEN: EUNEAP. ISSN: 0014-3022.
S0
DT
     Article
     English
LA
ED
     Entered STN: 24 Aug 1999
     Last Updated on STN: 24 Aug 1999
L7
     ANSWER 3 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
     STN
AN
     1999:198162
                    BIOSIS
DN
     PREV199900198162
TI
     Expression of transforming growth factor (TGF)-beta1, -beta2, and -beta3
     isoforms and TGF-beta type I and type II receptors in multiple sclerosis
                                  ***astrocyte***
     lesions and human adult
                                                         ***cultures***
ΑU
     De Groot, Corline J. A. [Reprint author]; Montagne, Lisette; Barten,
     Angelique D.; Sminia, Peter; Van Der Valk, Paul
Department of Pathology, Division of Neuropathology, Academic Hospital
Vrije Universiteit, 1007 MB, Amsterdam, Netherlands
Journal of Neuropathology and Experimental Neurology, (Feb., 1999) Vol.
CS
S0
     58, No. 2, pp. 174-187. print.
     CODEN: JNÉNAD. ISSN: 0022-3069.
DT
     Article
ΙA
     English
ED
     Entered STN: 25 May 1999
     Last Updated on STN: 25 May 1999
L7
     ANSWER 4 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
     STN
AN
     1998:348768 BIOSIS
     PREV199800348768
DN
ΤI
     Chemokines and receptors in HIV encephalitis.
     Sanders, Virginia J. [Reprint author]; Pittman, Christopher A.; White,
ΑU
     Michael G.; Wang, Guoji; Wiley, Clayton A.; Achim, Cristian L.
     PUH A515 Div. Neuropathol., Univ. Pittsburgh Sch. Med., 200 Lothrop St.,
CS
     Pittsburgh, PA 15213, USA
     AIDS (London), (June 18, 1998) Vol. 12, No. 9, pp. 1021-1026. print. CODEN: AIDSET. ISSN: 0269-9370.
S0
DT
     Article
     English
LA
ED
     Entered STN: 13 Aug 1998
     Last Updated on STN: 13 Aug 1998
L7
     ANSWER 5 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
     STN
ΑN
     1998:79193
                  BIOSIS
     PREV199800079193
DN
TI
     Cryptococcal glucuronoxylomannan induces interleukin (IL)-8 production by
              ***microglia***
                                 but inhibits neutrophil migration toward IL-8.
     Lipovsky, Myriam M.; Gekker, Genya; Hu, Shuxian; Ehrlich, Laura C.;
     Hoepelman, Andy I. M.; Peterson, Phillip K. [Reprint author]
     Dep. Med., Hennepin County Med. Cent., 701 Park Ave., Minneapolis, MN
     55415, USA
     Journal of Infectious Diseases, (Jan., 1998) Vol. 177, No. 1, pp. 260-263.
     print.
     CODEN: JIDIAQ. ISSN: 0022-1899.
     Article
DT
     English
     Entered STN: 24 Feb 1998
     Last Updated on STN: 24 Feb 1998
     ANSWER 6 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
L7
     STN
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1997:30672 BIOSIS

ΑN

```
PREV199799337075
DN
               ***microglia***
ΤI
                                     convert L-tryptophan into the neurotoxin
      quinolinic acid.
      Heyes, Melvyn P. [Reprint author]; Achim, Cristian L.; Wiley, Clayton A.;
ΑU
      Major, Eugene O.; Saito, Kuniaki; Markey, Sanford P
CS
      Section Analytical Biochem., Lab. Clinical Sci., Build. 10, 9000 Rockville
      Pike, Natl. Ínst. Mental Heálth, Bethesda, MD 20892, USA Biochemical Journal, (1996) Vol. 320, No. 2, pp. 595-597.
50
      ISSN: 0264-6021.
DT
      Article
      English
LA
ED
      Entered STN: 28 Jan 1997
      Last Updated on STN: 28 Jan 1997
L7
      ANSWER 7 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
      STN
      1996:336066 BIOSIS
AN
DN
      PREV199699058422
                                       ***cultures***
TI
      Characterization of glial
                                                           from rapid autopsies of
      Alzheimer's and control ***patients***
      Lue, Lih-Fen; Brachova, Libuse; Walker, Douglas G.; Rogers, Joseph
AU
      [Reprint author]
      L.J. Roberts Center Alzheimer's Research, Sun Health Research Inst., 10515
CS
     West Santa Fe Ave. P.O. Box 1278, Sun City, AZ 85372, USA Neurobiology of Aging, (1996) Vol. 17, No. 3, pp. 421-429. CODEN: NEAGDO. ISSN: 0197-4580.
SO
DT
      Article
      English
LA
ED
      Entered STN: 26 Jul 1996
      Last Updated on STN: 26 Jul 1996
L7
      ANSWER 8 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
      STN
      1996:157430 BIOSIS
AN
DN
      PREV199698729565
TI
      Human immunodeficiency virus type 1 infection alters chemokine beta
      peptide expression in human monocytes: Implications for recruitment of
      leukocytes into brain and lymph nodes.
ΑU
      Schmidtmayerova, Helena; Nottet, Hans S. L. M.; Nuovo, Gerard; Raabe,
      Tobias; Flanagan, Clinton R.; Dubrovsky, Larisa; Gendelman, Howard E.;
     Cerami, Anthony; Bukrinsky, Michael; Sherry, Barbara [Reprint author] Picower Inst. Med. Res., Manhasset, NY 11030, USA Proceedings of the National Academy of Sciences of the United States of America, (1996) Vol. 93, No. 2, pp. 700-704. CODEN: PNASA6. ISSN: 0027-8424.
CS
SO
DT
      Article
      Enalish
LA
      Entered STN: 11 Apr 1996
ED
      Last Updated on STN: 10 Jun 1997
L7
      ANSWER 9 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
      STN
      1995:430011 BIOSIS
ΑN
DN
      PREV199598444311
      Characterization of glial
                                       ***cultures***
ΤI
                                                           from rapid autopsies of human
                ***patients***
      elderly
     Lue, L.-F.; Brachova, L.; Walker, D.; Rogers, J. Sun Health Res. Inst., Sun City, AZ 85372, USA
ΑU
CS
SO
      Society for Neuroscience Abstracts, (1995) vol. 21, No. 1-3, pp. 740.
     Meeting Info.: 25th Annual Meeting of the Society for Neuroscience. San
     Diego, California, USA. November 11-16, 1995. ISSN: 0190-5295.
     Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
DT
      Conference; (Meeting Poster)
     English
ED
      Entered STN: 3 Oct 1995
     Last Updated on STN: 3 Oct 1995
L7
     ANSWER 10 OF 116 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
     STN
      1995:176498 BIOSIS
AN
     PREV199598190798
DN
      The Costimulatory Molecule B7 Is Expressed on Human
                                                                      ***Microalia***
TI
                                                                                           in
        ***Culture***
                          and in Multiple Sclerosis Acute Lesions.
```

De Simone, Roberta; Giampaolo, Adele; Giometto, Bruno; Gallo, Paolo; Levi.

ΑU

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GΑ

ΤI Induction of human immunodeficiency virus type 1 replication in human glial cells after proinflammatory cytokines stimulation: Effect of IFN gamma, IL1 beta, and TNF alpha on differentiation and chemokine production in glial cells ΑU Janabi N (Reprint); DiStefano R; Wallon C; Hery C; Chiodi F; Tardieu M CS UNIV MED PARIS S, LAB VIRUS NEURONE & IMMUN, FAC MED PARIS SUD, 63 RUE GABRIEL PERI, F-94276 LE KREMLIN BICETR, FRANCE (Reprint); KAROLINSKA INST, CTR MICROBIOL & TUMOR BIOL, STOCKHOLM, SWEDEN FRANCE; SWEDEN CYA \*\*\*AUG 1998\*\*\* ) Vol. 23, No. 4, pp. 304-315. S0 Publisher: WILEY-LISS, DIV JOHN WILEY & SÓNS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012 ISSN: 0894-1491 DΤ Article: Journal FS LIFE English LA REC Reference Count: 67 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\* ANSWER 37 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation. L7 1998:207887 SCISEARCH AN The Genuine Article (R) Number: ZA520 GΑ Selective inhibition of human glial inducible nitric oxide synthase by TT interferon-beta: Implications for multiple sclerosis Hua L L; Liu J S H; Brosnan C F; Lee S C (Reprint) ΑU ALBERT EINSTEIN COLL MED, DEPT PATHOL F717, 1300 MORRIS PK AVE, BRONX, NY CS 10461 (Reprint); ALBERT EINSTEIN COLL MED, DEPT PATHOL NEUROPATHOL, BRONX. NY 10467 CYA USA ANNALS OF NEUROLOGY, ( \*\*\*MAR 1998\*\*\* ) Vol. 43, No. 3, pp. 384-387. S0 Publisher: LIPPINCOTT-RAVEN PUBL, 227 EAST WASHINGTON SQ, PHILADELPHIA, PA 19106. ISSN: 0364-5134 Article; Journal DT FS LIFE; CLIN English LA REC Reference Count: 22 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\* L7 ANSWER 38 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation. on STN AN 96:775881 SCISEARCH GA The Genuine Article (R) Number: VM925 TI \*\*\*PATIENTS\*\*\* THE CEREBROSPINAL-FLUID FROM WITH MULTIPLE-SCLEROSIS PROMOTES NEURONAL AND OLIGODENDROCYTE DAMAGE BY DELAYED PRODUCTION OF NITRIC-OXIDE IN-VITRO ΑU XIAO B G (Reprint); ZHANG G X; MA C G; LINK H CS KAROLINSKA INST, DIV NEUROL, HUDDINGE HOSP, S-14186 HUDDINGE, SWEDEN (Reprint) CYA **SWEDEN** JOURNAL OF THE NEUROLOGICAL SCIENCES, ( \*\*\*OCT 1996\*\*\* ) Vol. 142, No. SO 1-2, pp. 114-120. ISSN: 0022-510X. DT Article; Journal FS LIFE LA ENGLISH REC Reference Count: 32 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\* L7 ANSWER 39 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation. on STN AN 96:754403 SCISEARCH GΑ The Genuine Article (R) Number: VL792 \*\*\*MICROGLIA\*\*\* TT INFECTION OF PRIMARY HUMAN AND MONOCYTE-DERIVED MACROPHAGES WITH HUMAN-IMMUNODEFICIENCY-VIRUS TYPE-1 ISOLATES - EVIDENCE OF DIFFERENTIAL TROPISM ΑU STRIZKI J M; ALBRIGHT A V; SHENG H; OCONNOR M; PERRIN L; GONZALEZSCARANO F (Reprint) CS UNIV PENN, MED CTR, DEPT NEUROL, 264 CLIN RES BLDG, 415 CURIE BLVD, PHILADELPHIA, PA, 19104 (Reprint); UNIV PENN, SCH MED, DEPT NEUROL, PHILADELPHIA, PA, 19104; UNIV PENN, GRAD HOSP, DEPT NEUROSURG, PHILADELPHIA, PA, 19104; UNIV GENEVA, LAB CENT VIROL, CH-1211 GENEVA 4, **SWITZERLAND** 

JOURNAL OF VIROLOGY, ( \*\*\*NOV 1996\*\*\* ) Vol. 70, No. 11, pp. 7654-7662.

CYA

SO

USA; SWITZERLAND

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ISSN: 0022-538X.
DT
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FS
     LIFE
LA
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     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L7
     ANSWER 40 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
     on STN
     96:707260 SCISEARCH
AN
     The Genuine Article (R) Number: VJ247
GΑ
TI
     GLIOBLASTOMA-ASSOCIATED CIRCULATING MONOCYTES AND THE RELEASE OF EPIDERMAL
ΔH
     FRIES G (Reprint); PERNECZKY A; KEMPSKI O
CS
     UNIV MAINZ, SCH MED, DEPT NEUROSURG, LANGENBECKSTR 1, D-55131 MAINZ,
     GERMANY (Reprint); UNIV MAINZ, SCH MED, INST NEUROSURG PATHOPHYSIOL,
     D-55131 MAINZ, GERMANY
CYA
     GERMANY
     JOURNAL OF NEUROSURGERY, ( ***OCT 1996*** ) Vol. 85, No. 4, pp. 642-647.
S0
     ISSN: 0022-3085.
DT
     Article; Journal
FS
     LIFE; CLIN
ΙA
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REC
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     ANSWER 41 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
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     95:669223 SCISEARCH
AN
     The Genuine Article (R) Number: RW879
GA
TT
     HUMAN-IMMUNODEFICIENCY-VIRUS-1 ENVELOPE PROTEINS INDUCE INTERLEUKIN-1
     TUMOR-NECROSIS-FACTOR-ALPHA, AND NITRIC-OXIDE IN GLIAL
                                                               ***CULTURES***
     DERIVED FROM FETAL, NEONATAL, AND ADULT HUMAN BRAIN
ΑU
     KOKA P; HE K Y; ZACK J A; KITCHEN S; PEACOCK W; FRIED I; TRAN T; YASHAR S
     S: MERRILL J E (Reprint)
     BERLEX BIOSCI, DEPT IMMUNOL, 15049 SAN PABLO AVE, POB 4099, RICHMOND, CA,
CS
     94804 (Reprint); UNIV CALIF LOS ANGELES, SCH MED, DEPT NEUROL, LOS
     ANGELES, CA, 90024; UNIV CALIF LOS ANGELES, SCH MED, DEPT MED HEMATOL
     ONCOL, LOS ANGELES, CA, 90024; UNIV CALIF LOS ANGELES, SCH MED. DEPT
     MICROBIOL & IMMUNOL, LOS ANGELES, CA, 90024; UNIV CALIF LOS ANGELES, SCH
     MED, DEPT SURG NEUROSURG, LOS ANGELES, CA, 90024; UNIV CALIF LOS ANGELES,
     SCH MED, DEPT PSYCHIAT & BIOBEHAV SCI, LOS ANGELES, CA, 90024
CYA
     USA
     JOURNAL OF EXPERIMENTAL MEDICINE, ( ***01 OCT 1995*** ) Vol. 182, No. 4,
S0
     pp. 941-951.
     ISSN: 0022-1007.
DT
     Article; Journal
FS
     LIFE
LA
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REC
     Reference Count: 37
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L7
     ANSWER 42 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
     on STN
AN
     95:13289
              SCISEARCH
GΑ
     The Genuine Article (R) Number: PW142
TI
     REACTIVE GLIOSIS AND MONOAMINE-OXIDASE-B
ΑU
     EKBLOM J (Reprint); JOSSAN S S; ORELAND L; WALUM E; AQUILONIUS S M
     UNIV UPPSALA HOSP, DEPT NEUROL, S-75185 UPPSALA, SWEDEN (Reprint); BIOMED
     CTR, DEPT MED PHARMACOL, UPPSALA, SWEDEN; UNIV STOCKHOLM, DEPT NEUROCHEM &
     NEUROTOXICOL, STOCKHOLM, SWEDEN
CYA
     SWEDEN
S0
     JOURNAL OF NEURAL TRANSMISSION-SUPPLEMENTUM, ( ***1994*** ) No. 41. pp.
     253-258.
     ISSN: 0303-6995
DT
     Article; Journal
FS
     LIFE
LA
     ENGLISH
REC
     Reference Count: 21
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L7
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     94:743709 SCISEARCH
GΑ
     The Genuine Article (R) Number: PT565
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WITH ALZHEIMERS-DISEASE

TI

SERUM CYTOKINE LEVELS IN \*\*\*PATIENTS\*\*\*

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CHAO C C (Reprint); ALA T A; HU S X; CROSSLEY K B; SHERMAN R E; PETERSON P
     K; FREY W H
     MINNEAPOLIS MED RES FDN INC, NEUROIMMUNOBIOL & HOST DEF LAB, 914 S 8TH ST,
CS
     D3, MINNEAPOLIS, MN, 55404 (Reprint); HENNEPIN CTY MED CTR, MINNEAPOLIS,
     MN, 55404; ST PAUL RAMSEY MED CTR, ALZHEIMERS TREATMENT & RES CTR, ST
     PAUL, MN, 55101; ST PAUL RAMSEY MED CTR, DEPT MED, ST PAUL, MN, 55101;
     DEPT PLANNING & DEV, MINNEAPOLIS, MN, 55405; UNIV MINNESOTA, SCH MED.
     MINNEAPOLIS, MN, 55455
CYA
S0
     CLINICAL AND DIAGNOSTIC LABORATORY IMMUNOLOGY, ( ***JUL 1994*** ) vol.
     1, No. 4, pp. 433-436.
     ISSN: 1071-412X
DT
     Article; Journal
FS
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LA
     ENGLISH
REC
     Reference Count: 35
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
     ANSWER 44 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
L7
     on STN
     94:394464 SCISEARCH
ΑN
     The Genuine Article (R) Number: NR989
GΑ
              ***ASTROCYTES***
TT
                                  INHIBIT CRYPTOCOCCUS-NEOFORMANS GROWTH BY A
     NITRIC OXIDE-MEDIATED MECHANISM
     LEE S C (Reprint); DICKSON D W; BROSNAN C F; CASADEVALL A
ΑU
     YESHIVA UNIV ALBERT EINSTEIN COLL MED, DEPT PATHOL NEUROPATHOL, K-437,
CS
     1300 MORRIS PK AVE, BRONX, NY, 10461 (Reprint); YESHIVA UNIV AĹBERT
     EINSTEIN COLL MED, DEPT MED, DIV INFECT DIS, BRONX, NY, 10461
CYA
     USA
     JOURNAL OF EXPERIMENTAL MEDICINE, ( ***01 JUL 1994*** ) Vol. 180, No. 1,
SO.
     pp. 365-369.
     ISSN: 0022-1007.
DT
     Note; Journal
FS
     LIFE
LA
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REC
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L7
     ANSWER 45 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
     on STN
     94:309794 SCISEARCH
ΑN
     The Genuine Article (R) Number: NL237
GA
TT
     CDP-CHOLINE-INDUCED BLOOD HISTAMINE CHANGES IN ALZHEIMERS-DISEASE
ΑU
     FERNANDEZNOVOA L (Reprint); ALVAREZ X A; FRANCOMASIDE A; CAAMANO J;
     CACABELOS R
     UNIV COMPLUTENSE MADRID, FAC MED, SCH MED, DEPT FISOL HUMANA, UNIDAD
CS
     NEUROGERONTOL, E-28040 MADRID, SPAIN (Reprint); BASIC & CLIN NEUROSCI RES CTR, INST CNS DISORDERS, DEPT BIOMED RES, LA CORUNA, SPAIN
CYA
     SPAIN
     METHODS AND FINDINGS IN EXPERIMENTAL AND CLINICAL PHARMACOLOGY, ( ***1994*** ) Vol. 16, No. 4, pp. 279-284.
SO
     ISSN: 0379-0355.
DT
     Article; Journal
FS
     LIFE
LA
     ENGLISH
REC
     Reference Count: 38
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
L7
     ANSWER 46 OF 116 SCISEARCH COPYRIGHT (c) 2004 The Thomson Corporation.
     on STN
     92:518574 SCISEARCH
AN
GΑ
     The Genuine Article (R) Number: JL140
TI
                              ***MICROGLIA***
                                                 THAT PHAGOCYTOSE AMYLOID AND THE
     ULTRASTRUCTURE OF THE
       ***MICROGLIA***
                          THAT PRODUCE BETA-AMYLOID FIBRILS
ΑU
     FRACKOWIAK J; WISNIEWSKI H M (Reprint); WEGIEL J; MERZ G S; IQBAL K; WANG
     КC
     NEW YORK STATE INST BASIC RES DEV DISABILITIES, DEPT PATHOL NEUROBIOL,
     1050 FOREST HILL RD, STATEN ISL, NY, 10314
CYA
     ACTA NEUROPATHOLOGICA, ( ***AUG 1992*** ) Vol. 84, No. 3, pp. 225-233.
SO
     ISSN: 0001-6322.
DT
     Article; Journal
FS
     LIFE
LA
     ENGLISH
REC
     Reference Count: 34
     *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
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ANSWER 47 OF 116 USPATFULL ON STN 2004:78962 USPATFULL
L7
ΑN
 ΤI
        Peptides for treatment of HIV infection
        Pert, Candace, Potomac, MD, United States
Ruff, Michael, Potomac, MD, United States
ΙN
PA
        Advanced Immuni T, Inc., Stony Brook, NY, United States (U.S.
        corporation)
PΙ
        US 6713445
                              В1
                                   20040330
                     19991014
        WO 9951254
                                                                              <--
ΑI
        US 2001-647749
                                    20010612 (9)
        WO 1999-US7514
                                    19990406
PRAI
        US 1998-80836P
                               19980406 (60)
DT
        Utility
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LN.CNT 355
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INCL
        INCLS: 530/300.000; 530/329.000; 530/330.000; 514/004.000; 514/012.000
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                514/004.000; 514/012.000; 530/300.000; 530/329.000; 530/330.000
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        ICS: C07K007-00
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        514/2; 514/4; 514/12; 530/300; 530/329; 530/330
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 48 OF 116 USPATFULL ON STN 2002:283365 USPATFULL
ΑN
        Invasion associated genes from Neisseria meningitidis serogroup B
Ribot, Efrain M., Atlanta, GA, United States
ΤI
IN
        Stephens, David S., Stone Mountain, GA, United States
        Raymond, Nigel, Wellington, NEW ZEALAND
        Quinn, Frederick D., Avondale Estates, GA, United States
        Centers for Disease Control and Prevention, as represented by the
PA
        Secretary, Department of Health and Human Services, Atlanta, GA, United
        States (U.S. government)
PΙ
        US 6472518
                              в1
                                   20021029
        WO 9817805
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        US 1999-284926
                                   19990817 (9)
ΑI
        WO 1997-US19424
                                   19971024
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                               19961024 (60)
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NCL
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        NCLS:
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        ICM: C07H021-04
        536/23.7; 536/24.32; 536/24.1; 536/24.33; 435/69.1; 435/69.3; 435/320.1; 435/243; 435/252.3; 424/250.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 49 OF 116 USPATFULL ON STN
        2002:160773 USPATFULL
ΑN
        Utilization of 2-hydroxy-4-trifluoromethylbenzoic acid derivatives as
TI
        inhibitors of the activation of the nuclear transcription factors
        NF-.kappa..beta.
        Roca, Manuel Merlos, Barcelona, SPAIN
IN
        De Arriba, Alberto Fernandez, Barcelona, SPAIN
        De Maria, Fernando Cavalcanti, Barcelona, SPAIN
       Acosta, Agusti Miralles, Granollers, SPAIN
Crespo, Mariano Sanchez, Valladolid, SPAIN
Rafanell, Julian Garcia, Barcelona, SPAIN
        Dalmau, Javier Forn, Barcelona, SPAIN
        J. Uriach & Cia, S.A., Barcelona, SPAIN (non-U.S. corporation)
PA
PΙ
        US 6414025
                                   20020702
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       wo 9961030
                    19991202
                                                                             <--
       US 2001-701270
                                   20010220 (9)
AΤ
       WO 1999-ES154
                                   19990526
                                   20010220 PCT 371 date
        ES 1998-1154
PRAI
                              19980527
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Utility
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        ĪCM: A61K031-60
        514/568
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 50 OF 116 USPATFULL on STN
AN
        2002:108862 USPATFULL
 TI
        Catalytic monoclonal antibodies with protease activity for selective
        lysis of protein component of plaques aggregates pathological conditions
 IN
        Trasciatti, Silvia, Pisa, ITALY
        Rosini, Sergio, Pisa, ITALY
Abiogen Pharma S.p.A., Pisa, ITALY (non-U.S. corporation)
US 6387674

B1 20020514
 PΑ
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        wo 9906066
                     19990211
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        US 2000-463724
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        WO 1998-EP4706
                                   19980728
                                   20000131 PCT 371 date
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                              19970730
        Utility
DT
FS
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LN.CNT
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NCL
        NCLM:
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EXF
        425/188.5; 424/94.1; 530/324; 435/346
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 51 OF 116 USPATFULL ON STN
ΑN
        2002:14010 USPATFULL
TI
        Protective agent for nervous system structural cells
IN
        Kurumatani, Hajimu, Kanagawa, JAPAN
        Matsuda, Susumu, Kanagawa, JAPAN
        Kainoh, Mie, Kanagawa, JAPAN
PA
        Toray Industries, Inc., Tokyo, JAPAN (non-U.S. corporation)
PΙ
        US 6340693
                                  20020122
                             В1
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        US 1999-180772
                                  19990216 (9)
AΙ
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                                  19980312
                                  19990216 PCT 371 date
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        ICS: A61K031-34; A61K031-385; A61K031-35; C07D333-02 549/458; 549/29; 549/356; 514/468; 514/451; 514/337; 514/433; 514/444
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 52 OF 116 USPATFULL ON STN
       2000:164300 USPATFULL
AN
       Compositions and methods for catalyzing hydrolysis of HIV gp120
TT
IN
       Paul, Sudhir, Omaha, NE, United States
       Kalaga, Ravishankar, Omaha, NE, United States
       The Board of Regents of the University of Nebraska, Omaha, NE, United
       States (U.S. corporation)
PΙ
       US 6156541
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                                  19980121 (9)
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       US 1998-23
       WO 1996-US12025
                                  19960719
                                  19980121
                                            PCT 371 date
                                  19980121 PCT 102(e) date
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US 1995-1321P
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                 435/069.600
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         NCLS:
                 435/188.500; 530/412.000; 530/413.000
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         ICS: C12P021-08; C07K016-10
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         424/148.1; 435/69.6; 435/188.5; 530/412; 530/413
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 53 OF 116 USPATFULL ON STN
L7
ΑN
         1999:155781 USPATFULL
         Arylsulfonamides as phospholipase A.sub.2 inhibitors
TI
        John, Varghese, San Francisco, CA, United States
Rydel, Russell E., Belmont, CA, United States
IN
        Thorsett, Eugene D., Moss Beach, CA, United States
PA
        Elan Pharmaceuticals, Inc., South San Francisco, CA, United States (U.S.
        corporation)
        US 5994398
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                                     19991130
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                 564/086.000
        NCLM:
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                 514/485.000
                 514/597.000; 514/603.000; 558/241.000; 560/012.000; 564/049.000;
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EXF
        560/12; 558/241; 564/49; 564/86
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 54 OF 116 USPATFULL on STN
        1999:146629 USPATFULL Treatment of neurodegenerative conditions with nimesulide
ΑN
ΤI
        Pasinetti, Giulio M., 134 E. 93.sup.rd St., New York, NY, United States
IN
        10028
        Aisen, Paul S., 26 Broadmoor Rd., Scarsdale, NY, United States 10583
        US 5985930
PΙ
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        514/607
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 55 OF 116 USPATFULL ON STN
        1999:141879 USPATFULL
ΑN
        Methods for treating diseases
TI
        Ericsson, Arthur Dale, Houston, TX, United States
Lynn, William S., Smithville, TX, United States
DX/IBR Corporation, Houston, TX, United States (U.S. corporation)
US 5981472 19991109 <--
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                435/372.000; 435/372.300; 435/375.000
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514/008.000; 514/012.000; 514/885.000
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        ICM: A61K035-14
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FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 56 OF 116 USPATFULL ON STN
        1999:137456 USPATFULL
ΑN
        Platelet-activating factor acetylhydrolase
TI
IN
        Cousens, Lawrence S., Oakland, CA, United States
        Eberhardt, Christine D., Redmond, WA, United States
        Gray, Patrick, Seattle, WA, United States
        Trong, Hai Le, Edmonds, WA, United States
        Tjoelker, Larry W., Kirkland, WA, United States
        Wilder, Cheryl L., Seattle, WA, United States
ICOS Corporation, Bothell, WA, United States (U.S. corporation)
PA
        us 5977308
PΙ
                                   19991102
        US 1997-910041
ΑI
                                   19970812 (8)
        Continuation-in-part of Ser. No. US 1995-483232, filed on 7 Jun 1995,
RLI
        now patented, Pat. No. US 5656431 which is a continuation-in-part of
        ser. No. US 1994-318905, filed on 6 Oct 1994, now patented, Pat. No. US
        5641669 which is a continuation-in-part of Ser. No. US 1993-133803,
        filed on 6 Oct 1993, now abandoned
DT
        Utility
FS
        Granted
LN.CNT 4530
INCL
        INCLM: 530/350.000
        INCLS: 530/300.000; 514/002.000; 536/023.100; 536/023.200
NCL
                530/350.000
        NCLM:
                530/300.000; 536/023.100; 536/023.200
        NCLS:
IC
        [6]
        ICM: C07K014-00
        ICS: C07K005-00; C07H021-04
        530/300; 530/350; 514/2; 536/23.1; 536/23.2
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 57 OF 116 USPATFULL ON STN
AΝ
        1999:136974 USPATFULL
       Drug screening process
Hochman, Daryl W., Seattle, WA, United States
TI
ΙN
       Cytoscan Sciences, L.L.C., Seattle, WA, United States (U.S. corporation) US 5976825 19991102 <--
PA
PΙ
       US 1997-949416
ΑI
                                  19971014 (8)
RLI
        Continuation of Ser. No. US 1995-539296, filed on 4 Oct 1995
DT
       Utility
FS
       Granted
LN.CNT 1275
INCL
        INCLM: 435/029.000
        INCLS: 435/004.000
NCL
               435/029.000
       NCLM:
       NCLS:
               435/004.000
IC
        [6]
        ICM: C12Q001-02
        ICS: C12Q001-00
       435/32; 435/4
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 58 OF 116 USPATFULL ON STN
ΑN
       1999:121380 USPATFULL
ΤI
       Inhibition of tumor necrosis factor .alpha.
ΙN
       Margolin, Solomon B., 6723 Desco Dr., Dallas, TX, United States 75225
       us 5962478
PΙ
                                  19991005
ΑI
       US 1998-44441
                                  19980319 (9)
       Continuation-in-part of Ser. No. WO 1996-US14926, filed on 17 Sep 1996
RLI
       US 1995-3955P
Utility
PRAI
                             19950919 (60)
DT
FS
       Granted
LN.CNT 1645
       INCLM: 514/345.000
INCL
       INCLS: 514/311.000; 514/334.000
NCL
               514/345.000
       NCLM:
               514/311.000; 514/334.000
       NCLS:
IC
       [6]
       ICM: A61K031-44
```

```
514/311; 514/345; 514/334
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 59 OF 116 USPATFULL on STN
        1999:117454 USPATFULL
ΑN
TI
        Animal models of human amyloidoses
ΙN
        Snow, Alan D., Seattle, WA, United States
        Board of Regents of the University of Washington Office of Technology, Seattle, WA, United States (U.S. corporation)
PA
        US 5958883
PΤ
                                   19990928
                                                                             <--
ΑI
        us 1995-461216
                                   19950605 (8)
        Continuation of Ser. No. US 1992-969734, filed on 23 oct 1992, now
RLI
        abandoned which is a continuation-in-part of Ser. No. US 1992-950417,
        filed on 23 Sep 1992, now abandoned
DT
        Utility
FS
        Granted
LN.CNT 4323
        INCLM: 514/016.000
INCL
                514/017.000; 530/328.000; 530/329.000
        INCLS:
NCL
        NCLM:
                514/016.000
                514/017.000; 530/328.000; 530/329.000
        NCLS:
IC
        [6]
        ICM: A61K038-08
        ICS: C07K007-06
        514/16; 514/17; 530/300; 530/328; 530/329
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 60 OF 116 USPATFULL ON STN
        1999:117339 USPATFULL
AN
TI
        Chimeric antiviral agents comprising Rev binding nucleic acids and
        trans-acting ribozymes, and molecules encoding them
       Kraus, Gunter, Miami, FL, United States
Wong-Staal, Flossie, San Diego, CA, United States
Yu, Mang, San Diego, CA, United States
Yamada, Osamu, Kobe, Japan
The Regents of the University of California, Oakland, CA, United States
IN
PA
        (U.S. corporation)
PΙ
        us 5958768
                                   19990928
                                                                             <--
                                   19960823 (8)
ΑI
        us 1996-697324
PRAI
        US 1995-2793P
                              19950825 (60)
DT
        Utility
        Granted
FS
LN.CNT 2347
        INCLM: 435/372.300
INCL
        INCLS: 435/320.100; 435/325.000; 435/366.000; 435/455.000; 536/024.500
                435/372.300
NCL
        NCLM:
        NCLS:
                435/320.100; 435/325.000; 435/366.000; 435/455.000; 536/024.500
IC
        [6]
        ICM: C07H021-04
        ICS: C12N005-16; C12N005-22; C12N015-79; C12N015-85
        536/24.5; 435/325; 435/320.1; 435/366; 435/372.3; 435/455; 514/44
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 61 OF 116 USPATFULL ON STN
AN
        1999:116981 USPATFULL
TI
       Method for treating multiple sclerosis
IN
        Turk, John Leslie, London, United Kingdom
        Baker, David, London, United Kingdom
        Feldmann, Marc, London, United Kingdom
       Kennedy Institute of Rheumatology, United Kingdom (non-U.S. corporation)
PA
PΙ
       us 5958409
                                   19990928
                                                                            <--
                     19950209
       wo 9503827
                                                                            <--
ΑI
       us 1996-586917
                                   19960313 (8)
       WO 1993-GB1614
                                   19930730
                                   19960313
                                              PCT 371 date
                                   19960313
                                             PCT 102(e) date
DT
       Utility
FS
       Granted
LN.CNT 1085
        INCLM: 424/141.100
INCL
        INCLS: 424/145.100; 424/156.100; 514/002.000; 530/350.000
NCL
               424/141.100
       NCLM:
               424/145.100; 424/156.100; 514/002.000; 530/350.000
       NCLS:
IC
        [6]
       ICM: A61K039-395
       ICS: A61K038-00
```

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FXF
        424/130.1; 424/145.1; 424/141.1; 424/156.1; 514/2; 530/387.1; 530/388.1;
        530/388.23: 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 62 OF 116 USPATFULL ON STN
L7
AN
        1999:106315 USPATFULL
TI
        Human and rat hypoxic stress proteins and DNAs encoding therefor
IN
        Ikeda, Jun, Tokyo, Japan
        Kaneda, Sumiko, Kyoto, Japan
Yanagi, Hideki, Takarazuka, Japan
        Matsumoto, Masayasu, Mino, Japan
        Yura, Takashi, Kyoto, Japan
        HSP Research Institute, Inc.,
PA
                                         Osaka, Japan (non-U.S. corporation)
        US 5948637
ΡI
                                   19990907
ΑI
        US 1996-770301
                                   19961220 (8)
PRAI
        JP 1995-349661
                              19951220
        JP 1996-213181
                              19960723
DT
        Utility
FS
        Granted
LN.CNT 1193
INCL
        INCLM: 435/069.100
        INCLS: 435/252.300; 435/252.330; 435/320.100; 435/007.100; 530/350.000; 530/387.100; 536/023.500; 536/024.100; 935/011.000; 935/036.000;
                935/066.000
                435/069.100
NCL
        NCLM:
                435/007.100; 435/252.300; 435/252.330; 435/320.100; 530/350.000;
                530/387.100; 536/023.500; 536/024.100
IC
        [6]
        ICM: C12N015-12
        ICS: C12N015-70; C07K014-435; C07K016-18 530/350; 530/387.1; 435/69.1; 435/69.7; 435/252.3; 435/320.1; 536/23.5;
EXF
        536/24.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 63 OF 116 USPATFULL on STN
        1999:50874 USPATFULL
AN
        Trophic factors for central nervous system regeneration
TI
IN
        Benowitz, Larry I., Newton, MA, United States
        Irwin, Carleen A., Newton, MA, United States
        Jackson, Paul, Brookline, MA, United States
PA
        Children's Medical Center Corporation, Boston, MA, United States (U.S.
        corporation)
       us 5898066
us 1994-296661
PΙ
                                  19990427
                                                                            <--
ΑI
                                  19940826 (8)
DT
        Utility
FS
        Granted
LN.CNT 1807
INCL
        INCLM: 530/300.000
        INCLS: 530/399.000
               530/300.000
NCL
        NCLM:
        NCLS:
                530/399.000
IC
        [6]
        ĪCM: C07K002-00
        ICS: C07K014-475
        530/300; 530/350; 530/399; 514/2; 514/12
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 64 OF 116 USPATFULL on STN
ΑN
        1999:43660 USPATFULL
ΤI
       Aromatic hydroxamix acid compounds, their production and use
       Kato, Kaneyoshi, Kawanishi, Japan
IN
       Sugiura, Yoshihiro, Nara, Japan
       Naruo, Ken-ichi, Sanda, Japan
       Takahashi, Hideki, Osaka, Japan
       Takeda Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
PA
       US 5891916
US 1996-662240
JP 1995-154414
                                  19990406
PΙ
ΑI
                                  19960614 (8)
PRAI
                              19950621
       Utility
DT
       Granted
FS
LN.CNT 2891
INCL
       INCLM: 514/575.000
       INCLS: 514/617.000; 514/620.000; 514/626.000; 514/618.000; 558/392.000;
                558/312.000; 558/560.000; 560/045.000; 560/115.000; 560/320.000;
               560/312.000: 564/300.000
              514/575.000
NCL
       NCLM:
```

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514/617.000; 514/618.000; 514/620.000; 514/626.000; 558/233.000; 558/312.000; 558/392.000; 560/032.000; 560/045.000; 560/115.000;
                  560/312.000; 564/300.000
          ٢6٦
 IC
          ICM: C07C239-08
         ICS: C07C259-06; A61K031-19; C07D277-00
         558/392; 558/560; 558/312; 514/618; 514/626; 514/617; 514/620; 514/575; 560/45; 560/115; 564/300
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 65 OF 116 USPATFULL ON STN
 ΑN
         1999:40189 USPATFULL
 ΤI
         Method of using a conditionally replicating viral vector to express a
         gene
         Dropulic , Boro, Ellicott City, MD, United States
 TN
         Pitha, Paula M., Baltimore, MD, United States
         The Johns Hopkins University School of Medicine, Baltimore, MD, United
 PA
         States (U.S. corporation)
         US 5888767
 ΡI
                                       19990330
         US 1997-917625
 ΑI
                                      19970822 (8)
         Division of Ser. No. US 1996-758598, filed on 27 Nov 1996
 RLI
 PRAI
         US 1995-32800P
                              19951125 (60)
DT
         Utility
FS
         Granted
LN.CNT 2680
INCL
         INCLM: 435/069.100
         INCLS: 435/091.310; 435/375.000
NCL
         NCLM:
                 435/069.100
         NCLS:
                 435/091.310; 435/375.000
IC
         [6]
         ICM: C12N015-86
         ICS: C12N005-10
         435/5; 435/69.1; 435/91.31; 435/91.4; 435/235.1; 435/325; 435/375;
EXF
         435/320.1; 514/44; 935/32; 935/57; 935/70; 935/71
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 66 OF 116 USPATFULL ON STN
AN
         1999:36929 USPATFULL
ΤI
         Methods to prepare conditionally replicating viral vectors
         Dropulic , Boro, Ellicott City, MD, United States
IN
         Pitha, Paula M., Baltimore, MD, United States
         The Johns Hopkins University School of Medicine, Baltimore, MD, United
PA
         States (U.S. corporation)
PΙ
         US 5885806
                                      19990323
                                                                                   <--
         US 1996-758598
ΑI
                                      19961127 (8)
DT
         Utility
FS
         Granted
LN.CNT 2703
INCL
         INCLM: 435/091.410
         INCLS: 435/320.100; 536/025.100
NCL
         NCLM:
                435/091.410
         NCLS:
                 435/320.100; 536/025.100
IC
         [6]
         ICM: C12N015-64
        ICS: C12N015-86; C07H021-02

435/91.1; 435/91.31; 435/91.32; 435/91.33; 435/91.4; 435/91.41;

435/172.1; 435/172.3; 435/320.1; 435/325; 435/375; 536/23.1; 536/24.5;

536/25.1; 514/44; 935/32; 935/34; 935/36; 935/57; 935/70; 935/71
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 67 OF 116 USPATFULL ON STN
         1999:33984 USPATFULL
AN
ΤI
        Isolation of novel HIV-2 proviruses
        Kraus, Gunter, La Jolla, CA, United States
Wong-Staal, Flossie, San Diego, CA, United States
TN
        Talbott, Randy, Princeton, NJ, United States
Poeschla, Eric M., San Diego, CA, United States
The Regents of the University of California, Oakland, CA, United States
PA
         (U.S. corporation)
PΙ
        US 5883081
                                     19990316
                                                                                   <--
ΑI
        US 1996-659251
                                     19960607 (8)
PRAI
        US 1995-1441P
                                19950726 (60)
DT
        Utility
FS
        Granted
LN.CNT 3964
INCL
        INCLM: 514/044.000
```

```
INCLS: 424/160.100; 435/069.100; 435/320.100; 530/388.350; 536/023.100
               514/044.000
NCL
        NCLM:
        NCLS:
               424/160.100; 435/069.100; 435/320.100; 530/388.350; 536/023.100
IC
        [6]
        ICM: A01N043-04
        ICS: A61K039-42; C12P021-06; C12N015-00
EXF
        424/160.1; 435/69.1; 435/320.1; 514/44; 530/388.35; 536/23.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 68 OF 116 USPATFULL ON STN 1999:30798 USPATFULL
L7
ΑN
TI
       Use of celastrol to treat alzheimer's disease
IN
       Vigo-Pelfrey, Carmen, Mountain View, CA, United States
       Neurocal International, Mountain View, CA, United States (U.S.
PA
        corporation)
ΡI
       US 5880116
                                 19990309
                                                                        <--
       US 1996-768778
ΑI
                                 19961213 (8)
DT
       Utility
FS
       Granted
LN.CNT 607
        INCLM: 514/178.000
INCL
               514/177.000; 514/168.000; 514/171.000
        INCLS:
NCL
               514/178.000
       NCLM:
       NCLS:
               514/168.000; 514/171.000; 514/177.000
        [6]
TC
       ICM: A61K031-56
       514/168; 514/179; 514/177; 514/171
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 69 OF 116 USPATFULL on STN
       1999:30594 USPATFULL
ΑN
       Human transaldolase: an autoantigen with a function in metabolism
TI
IN
       Perl, Andras, Jamesville, NY, United States
       The Research Foundation of State University of New York, Albany, NY,
PA
       United States (U.S. corporation)
       us 5879909
PΙ
                                 19990309
                                                                        <--
ΑI
       us 1998-57762
                                 19980409
RLI
       Division of Ser. No. US 1994-326119, filed on 19 Oct 1994
DT
       Utility
F$
       Granted
LN.CNT 2829
INCL
       INCLM: 435/069.100
       INCLS: 435/325.000; 536/023.100; 536/024.100; 530/350.000
NCL
       NCLM:
               435/069.100
       NCLS:
               435/325.000; 530/350.000; 536/023.100; 536/024.100
IC
       [6]
       ICM: C12P021-06
       ICS: C07H021-04
EXF
       536/23.1; 536/24.1; 435/325; 435/69.1; 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 70 OF 116 USPATFULL ON STN
L7
ΑN
       1999:15676 USPATFULL
TI
       Inhibition of phospholipase A.sub.2 to reduce neuronal cell death
       Rydel, Russell E., Belmont, CA, United States
TN
       Dappen, Michael S., San Bruno, CA, United States
PΑ
       Athena Neurosciences, Inc., South San Francisco, CA, United States (U.S.
       corporation)
PΙ
       US 5866318
                                 19990202
                                                                        <--
       US 1995-476463
ΑI
                                 19950607 (8)
       Utility
DT
FS
       Granted
LN.CNT
       1425
INCL
       INCLM: 435/004.000
       INCLS: 435/006.000; 435/325.000; 435/375.000; 435/377.000
NCL
       NCLM:
              435/004.000
       NCLS:
              435/006.000; 435/325.000; 435/375.000; 435/377.000
IC
       [6]
       ICM: C12Q001-00
       ICS: C12Q001-68; C12N005-06
       435/29; 435/240.2; 435/69.1; 435/4; 435/6; 435/7.21; 435/3.25; 435/3.75; 435/3.77; 514/603
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 71 OF 116 USPATFULL ON STN
L7
```

AN

1999:12549 USPATFULL

```
TI
        suppression of demyelination by interleukin-6
        Rodriguez, Moses, Rochester, MN, United States
Mayo Foundation for Medical Education and Research, Rochester, MN,
IN
PA
        United States (U.S. corporation)
ΡI
        us 5863529
                                    19990126
                                                                              <--
ΑI
        US 1995-530654
                                    19950920 (8)
        Utility
DT
FS
        Granted
LN.CNT
        714
INCL
        INCLM: 424/085.200
        INCLS: 514/012.000; 514/002.000
NCL
                424/085.200
        NCLM:
                514/002.000; 514/012.000
        NCLS:
IC
        [6]
        ICM: A61K038-20
FXF
        514/2; 514/12; 424/85.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 72 OF 116 USPATFULL ON STN
ΑN
        1998:162485 USPATFULL
ΤI
        Glial mitogenic factors, their preparation and use
ΙN
        Goodearl, Andrew, Chorleywood, United Kingdom
        Stroobant, Paul, London, United Kingdom
        Minghetti, Luisa, Bagnacavallo, Italy
Waterfield, Michael, Newbury, United Kingdom
Marchioni, Mark, Arlington, MA, United States
        Chen, Mario Su, Arlington, MA, United States
        Hiles, Ian, London, England
PΑ
        Cambridge NeuroScience, Inc., Cambridge, MA, United States (U.S.
        corporation)
        Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
        corporation)
PΙ
        US 5854220
                                    19981229
                                                                              <--
        US 1996-734591
ΑI
                                    19961022 (8)
RLI
        Continuation of Ser. No. US 1995-470335, filed on 6 Jun 1995 which is a
        division of Ser. No. US 1993-36555, filed on 24 Mar 1993, now patented,
        Pat. No. US 5530109, issued on 25 Jun 1996 which is a
        continuation-in-part of Ser. No. US 1992-965173, filed on 23 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US
        1992-940389, filed on 3 Sep 1992, now abandoned which is a
        continuation-in-part of Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US
        1992-863703, filed on 3 Apr 1992, now abandoned
        GB 1991-7566
Utility
PRAI
                               19910410
DT
FS
        Granted
LN.CNT 4401
INCL
        INCLM: 514/012.000
        INCLS: 514/002.000; 530/399.000; 530/350.000
NCL
        NCLM:
                514/012.000
        NCLS:
                514/002.000; 530/350.000; 530/399.000
IC
        [6]
        ICM: A61K038-00
EXF
        530/350; 530/300; 530/399; 514/2; 514/12; 424/85.1-85.7; 536/23.5;
        536/23.51
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 73 OF 116 USPATFULL ON STN
AN
        1998:157600 USPATFULL
TI
        Transgenic mouse deficient in inducible nitric oxide synthase
IN
        MacMicking, John, New York, NY, United States
        Nathan, Carl, Larchmont, NY, United States
        Mudgett, John S., Scotch Plains, NJ, United States
        Cornell Research Foundation, Inc., Ithaca, NY, United States (U.S.
PA
        corporation)
        Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
        us 5850004
                                   19981215
ΑI
        us 1997-808191
                                   19970228 (8)
        Continuation of Ser. No. US 1994-284898, filed on 2 Aug 1994, now
RLI
        abandoned
DT
        Utility
FS
        Granted
LN.CNT 1440
INCL
        INCLM: 800/002.000
        INCLS: 800/DIG.001; 435/172.300; 435/320.100; 424/009.200
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NCL

NCLM: 800/003.000

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424/009.200; 435/320.100; 800/009.000; 800/010.000; 800/011.000;
              800/012.000; 800/018.000; 800/022.000; 800/024.000; 800/025.000
IC
       [6]
       ICM: C12N005-00
       ICS: C12N015-00; A61K049-00
       800/2; 800/DIG.1; 435/172.3; 435/320.1; 424/9.2
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 74 OF 116 USPATFULL on STN
       1998:157597 USPATFULL
ΑN
TI
       Transgenic mouse for the neuronal expression of HIV gp160
       Kessous-Elbaz, Allegria, Cote-St-Luc, Canada
TN
       Michaud, Jean, Montreal, Canada
       Berrada, Fouad, Montreal, Canada
PA
       Universite de Montreal, Montreal, Canada (non-U.S. corporation)
PΙ
       US 5850001
                                19981215
ΑI
       us 1996-685708
                                19960724 (8)
       Continuation-in-part of Ser. No. US 1994-254395, filed on 6 Jun 1994,
RLI
       now_patented, Pat. No. US 5569827
DT
       Utility
FS
       Granted
LN.CNT 528
INCL
       INCLM: 800/002.000
       INCLS: 435/172.300; 536/023.100; 800/DIG.001; 800/DIG.004
              800/011.000
NCL
       NCLM:
              536/023.100; 800/018.000
       NCLS:
IC
       [6]
       ICM: C12N015-00
       ICS: C07H021-02
EXF
       800/2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 75 OF 116 USPATFULL ON STN
       1998:147404 USPATFULL
ΑN
TI
       Pigment epithelium-derived factor: characterization of its novel
       biological activity and sequences encoding and expressing the protein
       and methods of use
       Chader, Gerald J., Bethesda, MD, United States
IN
       Becerra, Sofia Patricia, Bethesda, MD, United States
       Schwartz, Joan P., Bethesda, MD, United States
       Taniwaki, Takayuki, Koga-Machi, Japan
       Sugita, Yukihiro, Rockville, MD, United States
PA
       The United States of America as represented by the Department of Health
       and Human Services, Washington, DC, United States (U.S. government)
PΙ
       us 5840686
                                19981124
       US 1994-257963
ΑI
                                19940607 (8)
       Continuation-in-part of Ser. No. US 1992-952796, filed on 24 Sep 1992,
RLI
       now abandoned
DT
       Utility
FS
       Granted
LN.CNT 2447
       INCLM: 514/012.000
INCL
       INCLS: 514/002.000; 514/008.000
NCL
       NCLM:
              514/012.000
       NCLS:
              514/002.000; 514/008.000
IC
       [6]
       ICM: A61K038-17
       514/2; 514/12; 435/240.1; 435/240.2; 435/240.21; 435/325
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 76 OF 116 USPATFULL on STN
AN
       1998:147225 USPATFULL
ΤI
       Methods for enriching specific cell-types by density gradient
       centrifugation
TN
       Van Vlasselaer, Peter, Sunnyvale, CA, United States
PA
       Activated Cell Therapy, Inc., Mountain View, CA, United States (U.S.
       corporation)
PΙ
       us 5840502
                                19981124
                                                                      <--
       US 1994-299467
ΑI
                                19940831 (8)
       Utility
DT
       Granted
FS
LN.CNT 2018
INCL
       INCLM: 435/007.210
       INCLS: 210/781.000; 210/782.000; 435/002.000; 435/007.230; 435/007.240;
              435/803.000; 436/514.000; 436/518.000; 436/527.000; 436/824.000;
              422/072.000; 422/101.000; 422/102.000
```

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NCL
          NCLM:
                   435/007.210
                   210/781.000; 210/782.000; 422/072.000; 422/101.000; 422/102.000; 435/002.000; 435/007.230; 435/007.240; 435/803.000; 436/514.000; 436/518.000; 436/527.000; 436/824.000
          NCLS:
 IC
          ٢6٦
          ICM: G01N033-567
          ICS: B01L011-00
          210/781; 210/782; 435/2; 435/7.21; 435/7.23; 435/7.24; 435/803; 436/514; 436/518; 436/527; 436/824; 422/72; 422/101; 422/102
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 77 OF 116 USPATFULL ON STN
          1998:144072 USPATFULL
 AN
 TI
          Methods and compositions for the detection of soluble .beta.-amyloid
          peptide
          Schenk, Dale B., Pacifica, CA, United States
 IN
         Schlossmacher, Michael G., Vienna, Austria
Selkoe, Dennis J., Jamaica Plain, MA, United States
Seubert, Peter A., South San Francisco, CA, United States
          Vigo-Pelfrey, Carmen, Mountain View, CA, United States
PA
          Athena Neurosciences, Inc., So. San Francisco, CA, United States (U.S.
          corporation)
          Eli Lilly and Company, Indianapolis, IN, United States (U.S.
          corporation)
          Brigham and Women's Hospital, Boston, MA, United States (U.S.
          corporation)
PΙ
         us 5837672
us 1995-456347
                                         19981117
ΑI
                                         19950601 (8)
         Division of Ser. No. US 1995-437067, filed on 9 May 1995, now patented, Pat. No. US 5593846 And a continuation-in-part of Ser. No. US
RLI
          1992-911647, filed on 10 Jul 1992, now abandoned
DT
         Utility
         Granted
FS
LN.CNT 1445
INCL
          INCLM: 514/002.000
          INCLS: 514/002.000; 514/042.000; 514/076.900; 514/222.200; 424/520.000;
                   435/007.900; 435/007.200; 436/518.000; 436/811.000
NCL
         NCLM:
                   514/002.000
                  424/520.000; 435/007.200; 435/007.900; 436/518.000; 436/811.000; 514/042.000; 514/169.000; 514/222.200
         NCLS:
IC
          [6]
         ICM: A61K031-00
         ICS: A61K038-00
         435/7.9; 435/4; 435/7.8; 435/6; 435/7.1; 435/7.2; 435/7.4; 436/518; 436/547; 436/548; 436/63; 436/811; 424/9.1; 424/184.1; 424/277.1; 424/520; 514/2; 514/42; 514/169; 514/222.2
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
       ANSWER 78 OF 116 USPATFULL on STN
         1998:143645 USPATFULL
ΑN
TI
         Bioartificial organ containing cells encapsulated in a permselective
         polyether suflfone membrane
IN
         Gentile, Frank T., Warwick, RI, United States
         Winn, Shelley R., Smithfield, RI, United States
Lysaght, Michael, East Greenwich, RI, United States
Baurmeister, Ulrich, Germany, Federal Republic of
         Wechs, Friedbert, Worth, Germany, Federal Republic of
         Rottger, Henning, Worth, Germany, Federal Republic of
PΑ
         CytoTherapeutics, Inc., Lincoln, RI, United States (U.S. corporation)
PΙ
         us 5837234
                                        19981117
ΑI
         US 1995-488317
                                        19950607 (8)
         Utility
DT
FS
         Granted
LN.CNT 1532
         INCLM: 424/093.700
INCL
         INCLS: 424/424.000; 435/180.000; 435/182.000; 435/382.000; 435/395.000;
                  435/401.000
NCL
         NCLM:
                  424/093.700
         NCLS:
                  424/424.000; 435/180.000; 435/182.000; 435/382.000; 435/395.000;
                  435/401.000
IC
         [6]
         ICM: C12N011-04
         ICS: C12N005-00; C12N011-08; A61F002-00
         535/174; 535/180; 535/182; 535/240.22; 535/240.241; 535/240.282; 535/382; 535/395; 535/401; 424/93.7; 424/424
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L7
      ANSWER 79 OF 116 USPATFULL ON STN
         1998:108431 USPATFULL
 ΑN
         Aromatic hydroxamic acid compounds, their production and use
 TI
 IN
         Kato, Kaneyoshi, Kawanishi, Japan
        Miki, Shokyo, Ibaraki, Japan
Naruo, Ken-ichi, Sanda, Japan
Takahashi, Hideki, Ikeda, Japan
 PA
         Takeda Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)
                                    19980908
 PΙ
         US 5804601
                                     19960409 (8)
 ΑI
         US 1996-629623
         JP 1995-84342
 PRAI
                                19950410
         JP 1995-215932
                                19950824
 DT
         Utility
 FS
         Granted
LN.CNT 4448
INCL
         INCLM: 514/563.000
         INCLS: 546/136.000; 546/147.000; 548/171.000; 548/217.000; 552/299.000;
                 552/310.000; 562/874.000
                 514/563.000
NCL
         NCLM:
         NCLS:
                 546/136.000; 546/147.000; 548/171.000; 548/217.000; 552/299.000;
                 552/310.000; 562/874.000
IC
         [6]
         ICM: C07C259-06
         ICS: A61K031-165
EXF
         562/874; 548/171; 548/217; 552/229; 552/310; 540/136; 540/147; 514/563
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 80 OF 116 USPATFULL ON STN
         1998:104388 USPATFULL
ΑN
ΤI
        Methods of use of mononuclear phagocytes to promote axonal regeneration
        Eisenbach-Schwartz, Michal, Rehovot, Israel
IN
        Spiegler, Orly, Rehovot, Israel
        Hirschberg, David L., Stanford, CA, United States
        Yeda Research And Development Co. Ltd., Rehovot, Israel (non-U.S.
PA
        corporation)
PΙ
        US 5800812
                                    19980901
                                                                               <--
ΑI
        US 1996-695351
                                    19960809 (8)
RLI
        Continuation-in-part of Ser. No. US 1995-528845, filed on 15 Sep 1995,
        now abandoned
Utility
DT
FS
        Granted
LN.CNT 1061
INCL
        INCLM: 424/093.700
        NCLM: 424/093.700
NCL
IC
        [6]
        ICM: C12N005-06
        424/93.7; 424/520; 424/570; 435/948
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 81 OF 116 USPATFULL on STN
        1998:95619 USPATFULL
ΑN
        Glial mitogenic factors, their preparation and use Goodearl, Andrew, Chorleywood, United Kingdom
TT
IN
        Stroobant, Paul, London, United Kingdom
Minghetti, Luisa, Bagnacavallo (RA), Italy
Waterfield, Michael, Newbury, United Kingdom
        Marchioni, Mark, Arlington, MA, United States
        Chen, Mario Su, Arlington, MA, United States
        Hiles, Ian, London, England
PA
        Ludwig Institute for Cancer Research and Cambridge NeuroScience, New
        York, NY, United States (U.S. corporation)
        Cambridge Neuroscience, Cambridge, MA, United States (U.S. corporation)
PΙ
        US 5792849
                                    19980811
        us 1995-469526
ΑI
                                    19950606 (8)
        Division of Ser. No. US 1993-36555, filed on 24 Mar 1993, now patented,
RLI
        Pat. No. US 5530109 which is a continuation-in-part of Ser. No. US
        1992-863703, filed on 3 Apr 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US
        1992-940389, filed on 3 Sep 1992, now abandoned which is a
        continuation-in-part of Ser. No. US 1992-965173, filed on 23 Oct 1992,
        now abandoned
PRAI
        GB 1991-7566
                               19910410
        Utility
DT
FS
        Granted
```

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LN.CNT 4510
 INCL
          INCLM: 536/023.500
          INCLS: 435/252.300; 435/320.100; 530/399.000
 NCL
                  536/023.500
 IC
          [6]
          ICM: C12N015-19
          ICS: C07H021-04
          435/7.21; 435/69.1; 435/69.4; 435/69.8; 435/69.7; 435/320.1; 435/252.3; 536/23.1; 536/23.4; 536/23.5; 536/23.51; 536/24.1; 530/399
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 82 OF 116 USPATFULL ON STN
          1998:88678 USPATFULL
 AN
          Method for reducing neuronal degeneration associated with seizure
 TI
         Strickland, Sidney, Setauket, NY, United States
Tsirka, Styliani-Anna, Setauket, NY, United States
Amaral, David G., Setauket, NY, United States
The Research Foundation of State University of New York, Albany, NY,
 ΙN
 PA
          United States (U.S. corporation)
 PΙ
          US 5786187
                                       19980728
          US 1995-531595
 ΑI
                                       19950921 (8)
 DT
         Utility
 FS
          Granted
 LN.CNT 840
         INCLM: 435/172.100
 INCL
         INCLS: 435/212.000; 435/219.000; 424/094.640; 424/130.100; 514/002.000
 NCL
                  514/364.000
         NCLM:
                  424/094.640; 424/130.100; 435/212.000; 435/219.000; 514/002.000;
         NCLS:
                  514/410.000
 IC
         [6]
         ĪCM: C12N015-00
         ICS: A61K038-49
         424/94.63; 424/94.64; 424/130.1; 514/2; 435/212; 435/219; 435/172.1
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 83 OF 116 USPATFULL on STN
 ΑN
         1998:82864 USPATFULL
         Compounds and methods for inhibiting .beta.-protein filament formation
 TI
         and neurotoxicity
 ΙN
         Potter, Huntington, Boston, MA, United States
         President and Fellows of Harvard College, Cambridge, MA, United States
 PA
         (U.S. corporation) US 5780587
 PΙ
                                      19980714
                                                                                   <--
         US 1995-417937
 ΑI
                                      19950406 (8)
         Continuation-in-part of Ser. No. US 1994-328491, filed on 25 Oct 1994, now abandoned which is a continuation-in-part of Ser. No. US
RLI
         1994-290198, filed on 15 Aug 1994, now abandoned which is a
         continuation-in-part of Ser. No. US 1994-179574, filed on 10 Jan 1994, now patented, Pat. No. US 5506097 which is a continuation-in-part of
         Ser. No. US 1992-819361, filed on 13 Jan 1992, now patented, Pat. No. US
         5338663 which is a continuation-in-part of Ser. No. US 1990-572671,
         filed on 24 Aug 1990, now abandoned
PRAI
         WO 1993-US325
                                 19930113
DT
         Utility
FS
         Granted
LN.CNT 1683
INCL
         INCLM: 530/326.000
         INCLS: 530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/331.000
NCL
         NCLM:
                 530/326.000
                 530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/331.000
         NCLS:
IC
         [6]
         ICM: C07K005-00
        ICS: C07K007-00; C07K017-00 530/326-331
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 84 OF 116 USPATFULL ON STN
        1998:68873 USPATFULL
        Method for production of neuroblasts
        Gage, Fred H., La Jolla, CA, United States
        Ray, Jasodhara, San Diego, CA, United States
The Regents of the University of California, Oakland, CA, United States
        (U.S. corporation)
        US 5766948
US 1993-147843
                                     19980616
                                     19931103 (8)
        Continuation-in-part of Ser. No. US 1993-1543, filed on 6 Jan 1993, now
RLI
```

AN

TI

ΙN

PA

ΡI

ΑI

```
abandoned
 DT
         Utility
         Granted
 FS
 LN.CNT 1536
 INCL
         INCLM: 435/368.000
         INCLS: 435/325.000; 435/366.000; 435/395.000; 435/402.000; 435/404.000
 NCL
                435/368.000
         NCLM:
         NCLS:
                435/325.000; 435/366.000; 435/395.000; 435/402.000; 435/404.000
 IC
         [6]
         ICM: C12N005-00
         435/240.2; 435/240.21; 435/240.23; 435/240.243; 435/240.3; 435/240.31;
 EXF
         435/325; 435/366; 435/368; 435/404; 435/395; 435/402
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
      ANSWER 85 OF 116 USPATFULL ON STN
 ΑN
         1998:68773 USPATFULL
        Methods of screening for compounds which inhibit soluble .beta.-amyloid
 TI
         peptide production
        Schlossmacher, Michael G., Vienna, Austria
 IN
        Selkoe, Dennis J., Jamaica Plain, MA, United States
 PA
        Athena Neurosciences, South San Francisco, CA, United States (U.S.
         corporation)
        Eli Lilly and Company, Indianapolis, IN, United States (U.S.
        corporation)
PΙ
        us 5766846
                                    19980616
                                                                             <--
        US 1993-79511
ΑI
                                    19930617 (8)
RLI
        Division of Ser. No. US 1992-965972, filed on 26 Oct 1992, now abandoned
        which is a continuation-in-part of Ser. No. US 1992-911647, filed on 10
        Jul 1992, now abandoned
DT
        Utility
        Granted
FS
LN.CNT 1465
INCL
        INCLM: 435/006.000
        INCLS: 435/007.100; 435/007.200; 435/007.210; 435/041.000; 435/069.100;
                435/007.920; 435/007.940
        NCLM:
NCL
                435/006.000
        NCLS:
                435/007.100; 435/007.200; 435/007.210; 435/007.920; 435/007.940;
                435/041.000; 435/069.100
IC
        [6]
ICM: G01N033-53
EXF 435/6; 435/7.1; 435/7.2; 435/7.21; 435/29; 435/41; 435/69.1; 435/70.1; 435/70.3; 435/7.92; 435/7.94
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 86 OF 116 USPATFULL ON STN
L7
        1998:64722 USPATFULL
ΑN
ΤI
        Method of grafting genetically modified cells to treat defects, disease
        or damage of the central nervous system
ΙN
        Gage, Fred H., La Jolla, CA, United States
        Schinstine, Malcolm, San Diego, CA, United States
        Ray, Jasodhara, San Diego, CĀ, United States
        Friedmann, Theodore, La Jolla, CA, United States
        Kawaja, Michael D., Toronto, Canada
Rosenberg, Michael B., San Diego, CA, United States
Wolff, Jon A., Madison, WI, United States
The Regents of the University of California, Oakland, CA, United States
PA
        (U.S. corporation)
PΙ
        us 5762926
                                   19980609
ΑТ
        US 1995-464397
                                   19950605 (8)
        Division of Ser. No. US 1994-209609, filed on 10 Mar 1994 which is a
RLI
        continuation of Ser. No. US 1991-792894, filed on 15 Nov 1991, now
        abandoned which is a continuation-in-part of Ser. No. US 1988-285196,
        filed on 15 Dec 1988, now patented, Pat. No. US 5082670
DT
        Utility
FS
        Granted
LN.CNT 4865
INCL
        INCLM: 424/093.210
        INCLS: 435/320.100; 435/375.000; 435/069.100; 435/172.300; 935/062.000;
                935/070.000; 514/044.000
NCL
        NCLM:
               424/093.210
        NCLS:
               435/069.100; 435/320.100; 435/375.000; 514/044.000
IC
        [6]
        ICM: C12N005-00
       ICS: C12N015-09; C12N015-79; A61K048-00 424/93.21; 424/570; 435/172.3; 435/240.2; 435/948; 435/320.1; 435/375;
EXF
        435/69.1; 935/62; 935/70; 514/44
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 87 OF 116 USPATFULL ON STN 1998:57906 USPATFULL
 L7
 ΑN
TI
        Method of attenuation of nervous system damage
 TN
        Roberts, Eugene, Monrovia, CA, United States
        Guth, Lloyd, Ford's Colony, VA, United States
The Center for Innovative Technology, Herndon, VA, United States (U.S.
 PA
        corporation)
 PΙ
        US 5756482
                                   19980526
 ΑI
        US 1996-648914
                                   19960516 (8)
 RLI
        Continuation of Ser. No. US 1994-227533, filed on 14 Apr 1994, now
        patented, Pat. No. US 5574022
DT
        Utility
 FS
        Granted
LN.CNT 1180
INCL
        INCLM: 514/054.000
        INCLS: 514/165.000; 514/169.000; 514/171.000; 514/177.000; 514/178.000;
                514/182.000; 514/885.000
                514/054.000
NCL
        NCLM:
        NCLS:
                514/165.000; 514/169.000; 514/171.000; 514/177.000; 514/178.000;
                514/182.000; 514/885.000
IC
        [6]
        ICM: A61K031-715
        ICS: A61K031-60; A61K031-56
        514/54; 514/165; 514/169; 514/171; 514/177; 514/178; 514/182; 514/885;
EXF
        536/123.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 88 OF 116 USPATFULL on STN
        1998:30992 USPATFULL
ΑN
        Method for treating Alzheimer's disease using glial line-derived
TI
        neurotrophic factor (GDNF) protein product
ΙN
        Williams, Lawrence R., Thousand Oaks, CA, United States
PA
        Amgen Inc., Thousand Oaks, CA, United States (U.S. corporation)
PΙ
        US 5731284
                                   19980324
ΑI
        US 1995-535682
                                   19950928 (8)
        Utility
DT
        Granted
FS
LN.CNT
        1677
INCL
        INCLM: 514/008.000
        INCLS: 514/021.000
NCL
                514/008.000
        NCLM:
        NCLS:
                514/021.000
IC
        [6]
        ICM: A61F002-00
        ICS: A61K047-00; A61K031-685; A61K038-00
        514/8; 514/21
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
     ANSWER 89 OF 116 USPATFULL ON STN
        1998:22344 USPATFULL
ΑN
TT
        Method of purifying cardiac hypertrophy factor
       Baker, Joffre, El Granada, CA, United States
Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
IN
        Pennica, Diane, Burlingame, CA, United States
        Wood, William, San Mateo, CA, United States
PΑ
        Genentech, Inc., South San Francisco, CA, United States (U.S.
        corporation)
PΙ
        US 5723585
                                  19980303
ΑI
        US 1995-443130
                                  19950517 (8)
RLI
       Division of Ser. No. US 1994-286304, filed on 5 Aug 1994, now patented,
        Pat. No. US 5571893 which is a continuation-in-part of Ser. No. US
        1994-233609, filed on 25 Apr 1994, now patented, Pat. No. US 5534615
DT
       Utility
       Granted
LN.CNT 4213
       INCLM: 530/413.000
INCL
       INCLS: 530/350.000; 530/380.000; 930/140.000
NCL
               530/413.000
               530/350.000; 530/380.000; 930/140.000
       NCLS:
IC
        [6]
       ICM: C07K001-22
       ICS: C07K014-00; C07K014-47; A61K038-36
       530/413; 530/350; 530/380; 530/930
EXF
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
        ANSWER 90 OF 116 USPATFULL ON STN 1998:14778 USPATFULL
 L7
 ΑN
 TI
          Glial growth factors
          Goodearl, Andrew David, Chorleywood, United Kingdom
 IN
          Stroobant, Paul, Half Moon Bay, CA, United States
Minghetti, Luisa, Bagnacavallo, Italy
          Waterfield, Michael, Newbury, United Kingdom
          Marchionni, Mark, Arlington, MA, United States
Chen, Maio Su, Arlington, MA, United States
          Hiles, Ian, London, England
Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
 PA
          corporation)
          Cambridge Neuroscience, Cambridge, MA, United States (U.S. corporation)
 PΙ
          US 5716930
                                           19980210
          US 1994-249322
 ΑI
                                           19940526 (8)
          Continuation-in-part of Ser. No. US 1993-36555, filed on 24 Mar 1993, now patented, Pat. No. US 5530109 And a continuation-in-part of Ser. No.
 RLI
          US 1992-965173, filed on 23 Oct 1992, now abandoned And a continuation-in-part of Ser. No. US 1992-940389, filed on 3 Sep 1992, now abandoned And a continuation-in-part of Ser. No. US 1992-907138,
          filed on 30 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1992-863703, filed on 3 Apr 1992, now abandoned
 PRAI
          GB 1991-7566
                                     19910410
 DT
          Utility
 FS
          Granted
 LN.CNT
          3353
 INCL
          INCLM: 514/012.000
          INCLS: 514/002.000; 530/350.000; 435/069.100
 NCL
                   514/012.000
          NCLM:
          NCLS:
                   435/069.100; 514/002.000; 530/350.000
 IC
          [6]
          ICM: A61K038-18
          ICS: C07K014-475
          530/350; 435/69.1; 514/2; 514/12
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
       ANSWER 91 OF 116 USPATFULL ON STN
          1998:4424 USPATFULL
ΑN
          Identification of phospholipase A2 inhibitors in A.beta.
TI
          peptide-mediated neurodegenerative disease
          Rydel, Russell E., Belmont, CA, United States
Dappen, Michael S., San Bruno, CA, United States
IN
PA
          Athena Neurosciences, Inc., San Francisco, CA, United States (U.S.
          corporation)
         US 5707821
US 1995-476464
PΙ
                                          19980113
                                                                                            <--
ΑI
                                          19950607 (8)
DT
          Utility
FS
          Granted
LN.CNT
         1580
INCL
          INCLM: 435/018.000
          INCLS: 435/004.000; 514/012.000
                  435/018.000
NCL
         NCLM:
         NCLS: 435/004.000; 514/012.000
IC
          [6]
         ICM: C12Q001-34
         ICS: A61K000-00
EXF
          514/12; 435/18; 435/4
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
       ANSWER 92 OF 116 USPATFULL ON STN
AN
         97:100381 USPATFULL
         In vivo delivery of neurotransmitters by implanted, encapsulated cells Aebischer, Patrick, Providence, RI, United States
TI
IN
         Winn, Shelley R., Providence, RI, United States
Galletti, Pierre M., Providence, RI, United States
Brown University Research Foundation, Providence, RI, United States
PA
         (U.S. corporation)
PΙ
         us 35653
                                         19971104
                                                                                           <--
         US 4892538
                                         19900109 (Original)
         US 1993-85504
US 1987-121626
ΑI
                                         19930630 (8)
                                         19871117 (Original)
DT
         Reissue
FS
         Granted
LN.CNT 537
```

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INCL
         INCLM: 604/891.100
         INCLS: 128/898.000; 128/899.000; 424/424.000
 NCL
         NCLM:
                 604/891.100
                 128/898.000; 128/899.000; 424/424.000
         NCLS:
 IC
         [6]
         ICM: A61K009-22
         604/890.1; 604/891.1; 604/27; 604/28; 604/36; 604/43; 604/93; 604/116;
 EXF
         623/11; 623/12; 424/422-424; 128/897-899
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 93 OF 116 USPATFULL ON STN
         97:96744 USPATFULL
 AN
 TI
         Gene encoding cardiac hypertrophy factor
         Baker, Joffre, El Granada, CA, United States
Chien, Kenneth, La Jolla, CA, United States
 ΙN
         King, Kathleen, Pacifica, CA, United States
         Pennica, Diane, Burlingame, CA, United States
         Wood, William, San Mateo, CA, United States
         Genentech, Inc., South San Francisco, CA, United States (U.S.
 PA
         corporation)
         The Regents of the University of California, Oakland, CA, United States
         (U.S. corporation)
 PΙ
         us 5679545
                                    19971021
                                                                              <--
         US 1995-443952
 AΙ
                                    19950517 (8)
        Division of Ser. No. US 1994-286304, filed on 5 Aug 1994, now patented, Pat. No. US 5571893, issued on 5 Nov 1996 which is a continuation-in-part of Ser. No. US 1994-233609, filed on 25 Apr 1994,
 RLI
         now patented, Pat. No. US 5534615, issued on 9 Jul 1996
 DT
         Utility
         Granted
 FS
 LN.CNT 4217
 INCL
         INCLM: 435/069.100
         INCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.500
NCL
                435/069.100
        NCLM:
        NCLS:
                435/252.300; 435/320.100; 435/325.000; 536/023.500
IC
         [6]
        ICM: C12N015-00
        ICS: C12N015-85; C12N015-63; C07H021-04
530/350; 424/569; 435/6; 435/7.2; 435/69.1; 435/240.2; 435/252.3;
435/320.1; 435/325; 536/22.1; 536/23.1; 536/23.5
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 94 OF 116 USPATFULL ON STN
L7
        97:70889 USPATFULL
ΑN
ΤI
        Antibodies specific to quinolinic acid
        Namboodiri, M. A. Aryan, Washington, DC, United States
ΙN
        Moffett, John R., Washington, DC, United States
PA
        Georgetown University, Washington, DC, United States (U.S. corporation)
PΙ
        US 5656447
                                    19970812
        US 1993-99644
ΑI
                                    19930730 (8)
        Utility
DT
FS
        Granted
LN.CNT 1403
INCL
        INCLM: 435/007.920
        INCLS: 435/007.100; 435/007.950; 435/960.000; 436/503.000; 436/512.000;
                436/822.000; 530/389.100; 530/389.800
NCL
        NCLM:
                435/007.920
                435/007.100; 435/007.950; 435/960.000; 436/503.000; 436/512.000;
        NCLS:
                436/822.000; 530/389.100; 530/389.800
IC
        [6]
        ĪCM: G01N033-53
        530/389.1; 530/807; 530/389.2; 530/389.8; 435/7.92; 435/7.93; 435/7.95;
EXF
        435/960; 435/961; 435/975; 436/547; 436/528; 436/531; 436/822; 436/503;
        436/512
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 95 OF 116 USPATFULL ON STN
ΑN
        97:63997
                  USPATFULL
       Methods of modulating inflammatory cytokines in the CNS using TGF-.beta.
       Carlino, Joseph A., Šan Leandro, CA, United States
       Benveniste, Etty N., Birmingham, AL, United States
PA
       Celtrix Pharmaceuticals, Inc., Santa Clara, CA, United States (U.S.
       corporation)
       us 5650396
                                   19970722
                                                                             <--
       us 1994-213001
                                   19940315 (8)
       Utility
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TI

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AΤ

DT

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Granted
 LN.CNT 1134
 INCL
         INCLM: 514/021.000
 NCL
         NCLM: 514/021.000
 IC
         [6]
         ICM: A61K038-00
 EXF
         514/21
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 96 OF 116 USPATFULL ON STN
         97:63758 USPATFULL
Method of grafting genetically modified cells to treat defects, disease
 ΑN
 TI
         or damage of the central nervous system
         Gage, Fred H., La Jolla, CA, United States
Friedmann, Theodore, La Jolla, CA, United States
 IN
         Rosenberg, Michael B., San Diego, CA, United States
         Wolff, Jon A., Madison, WI, United States
         Schinstine, Malcolm, San Diego, CA, United States
         Kawaja, Michael D., Toronto, Canada
Ray, Jasodhara, San Diego, CA, United States
The Regents of the University of California, Oakland, CA, United States
 PA
         (U.S. corporation)
         us 5650148
 PΙ
                                     19970722
         US 1994-209609
 AΤ
                                     19940310 (8)
        Continuation of Ser. No. US 1991-792894, filed on 15 Nov 1991, now
 RLI
         abandoned which is a continuation-in-part of Ser. No. US 1988-285196,
         filed on 15 Dec 1988, now patented, Pat. No. US 5082670
DT
         Utility
FS
         Granted
LN.CNT 4924
INCL
         INCLM: 424/093.200
        INCLS: 424/093.210; 435/172.300; 435/948.000; 514/044.000; 935/062.000;
                 935/070.000
                424/093.200
NCL
         NCLM:
         NCLS:
                 424/093.210; 435/948.000; 514/044.000
IC
         [6]
         ICM: A61K048-00
         ICS: A61K031-00; C12N015-00; C12N005-00
        424/93.21; 424/570; 435/172.3; 435/240.2; 435/948; 935/62; 935/70;
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 97 OF 116 USPATFULL ON STN
        97:49813 USPATFULL
AN
TI
        Process for making (25,5s)-5-fluoromethylornithine
ΙN
        Jund, Karin, Strasbourg, France
        Ducep, Jean-Bernard, Sundhoffen, France
        Merrell Pharmaceuticals, Inc., Cincinnati, OH, United States (U.S.
PA
        corporation)
        US 5637768
PΙ
                                    19970610
        WO 9417795
                      19940818
                                                                                <--
ΑI
        US 1995-491968
                                    19950718 (8)
        WO 1993-US11283
                                    19931119
                                    19950718
                                                PCT 371 date
                                    19950718
                                                PCT 102(e) date
PRAI
        FR 1993-400303
                               19930205
        Utility
DT
FS
        Granted
LN.CNT
        1096
INCL
        INCLM: 562/561.000
NCL
        NCLM: 562/561.000
IC
        [6]
        ICM: C07C229-00
        514/564; 562/561
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L7
      ANSWER 98 OF 116 USPATFULL ON STN
AN
        97:38416 USPATFULL
TI
        Hybridomas producing antibodies to cardiac hypertrophy factor
IN
        Baker, Joffre, El Granada, CA, United States
        Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
Pennica, Diane, Burlingame, CA, United States
        Wood, William, San Mateo, CA, United States
        Genentech, Inc., United States (U.S. corporation)
The Regents of the University of California, United States (U.S.
PA
```

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corporation)
  PΙ
           us 5627073
                                          19970506
           US 1995-443129
  ΑI
                                          19950517 (8)
          Division of Ser. No. US 1994-286304, filed on 5 Aug 1994 which is a continuation-in-part of Ser. No. US 1994-233609, filed on 25 Apr 1994,
  RLI
           now abandoned
  DT
           Utility
  FS
           Granted
  LN.CNT 4258
  INCL
          INCLM: 435/331.000
          INCLS: 435/070.210; 435/172.100; 435/069.600; 435/252.330; 435/332.000; 435/336.000; 530/387.900; 530/388.230; 530/387.300; 530/391.300;
                   424/139.100; 424/145.100
 NCL
                   435/331.000
          NCLM:
                   424/139.100; 424/145.100; 435/069.600; 435/070.210; 435/252.330; 435/332.000; 435/336.000; 530/387.300; 530/387.900; 530/388.230;
          NCLS:
                   530/391.300
 IC
           [6]
          ÎCM: C12N005-18
          ICS: C12N005-22
          424/139.1; 424/145.1; 424/152.1; 424/158.1; 424/172.1; 424/178.1; 424/136.1; 435/69.6; 435/70.21; 435/172.2; 435/172.1; 435/172.3; 435/240.27; 435/252.33; 530/387.3; 530/387.9; 530/388.15; 530/388.23; 530/388.24; 530/391.3; 530/389.2
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 99 OF 116 USPATFULL ON STN
 ΑN
          97:36067 USPATFULL
 ΤI
          Antibodies to cardiac hypertrophy factor and uses thereof
          Baker, Joffre, El Granada, CA, United States
 IN
         Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
Pennica, Diane, Burlingame, CA, United States
Wood, William, San Mateo, CA, United States
 PA
          Genentech, Inc., South San Francisco, CA, United States (U.S.
          corporation)
          The Regents of the University of California, Oakland, CA, United States
          (U.S. corporation)
 PΙ
         US 5624806
                                         19970429
 ΑI
         US 1995-442745
                                         19950517 (8)
         Division of Ser. No. US 1994-286304, filed on 5 Aug 1994 which is a
 RLI
         continuation of Ser. No. US 1994-233609, filed on 25 Apr 1994, now
         patented, Pat. No. US 5534615
DT
         Utility
FS
         Granted
LN.CNT 4254
INCL
         INCLM: 435/007.100
         INCLS: 435/240.270; 530/387.900; 530/388.850; 530/387.300; 530/391.300
                  435/007.100
NCL
         NCLM:
                  435/331.000; 435/344.100; 530/387.300; 530/387.900; 530/388.850;
         NCLS:
                  530/391.300
IC
         [6]
         ICM: G01N033-53
         ICS: C12N005-12; C07K016-22
         530/387.1; 530/389.1; 530/389.2; 530/388.24; 530/387.24; 530/387.9;
EXF
         530/388.85; 530/391.3; 530/888.1; 530/388.15; 530/387.3; 424/130.1;
         424/145.1; 424/139.1; 424/7.24; 424/156.1; 424/141.1; 424/142.1; 424/133.1; 424/178.1; 424/136.1; 435/240.27; 435/70.21; 435/7.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 100 OF 116 USPATFULL ON STN
L7
         97:31800 USPATFULL
AN
TI
         Glial mitogenic factors
ΙN
         Goodearl, Andrew, Chorleywood, United Kingdom
         Stroobant, Paul, London, United Kingdom
         Minghetti, Luisa, Bagnacavallo, Italy
         Waterfield, Michael, Newbury, United Kingdom
         Marchioni, Mark, Arlington, MA, United States
         Chen, Mario S., Arlington, MA, United States
         Hiles, Ian, London, England
Ludwig Institute for Cancer Research, NY, United States (U.S.
PA
         corporation)
         Cambridge Neuroscience, Cambridge, MA, United States (U.S. corporation)
PΤ
         US 5621081
                                       19970415
AΤ
        US 1995-471855
                                       19950606 (8)
        Division of Ser. No. US 1993-36555, filed on 24 Mar 1993 which is a
RLI
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continuation-in-part of Ser. No. US 1992-863703, filed on 3 Apr 1992,
          now abandoned which is a continuation-in-part of Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned which is a
         continuation-in-part of Ser. No. US 1992-940389, filed on 3 Sep 1992,
         now abandoned which is a continuation-in-part of Ser. No. US
         1992-965173, filed on 23 Oct 1992, now abandoned
 DT
         Utility
 FS
          Granted
 LN.CNT 3290
 INCL
         INCLM: 530/350.000
          INCLS: 530/395.000; 530/399.000
 NCL
                 530/350.000
         NCLM:
         NCLS:
                 530/395.000; 530/399.000
 IC
         [6]
         ICM: C07K014~475
 EXF
         514/2; 514/12; 530/350; 530/395; 530/399; 435/69.1
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 101 OF 116 USPATFULL ON STN
         97:12435 USPATFULL
 ΑN
         Method of using a secretable glial mitogenic factor to induce
 TI
         acetylcholine receptor synthesis
 ΙN
         Goodearl, Andrew, Chorleywood, United Kingdom
         Stroobant, Paul, London, United Kingdom
         Minghetti, Luisa, Bagnacavallo, Italy
Waterfield, Michael, Newbury, United Kingdom
Marchioni, Mark, Arlington, MA, United States
Chen, Mario S., Arlington, MA, United States
         Hiles, Ian, London, England
         Ludwig Institute for Cancer Research, New York, NY, United States (U.S.
 PA
         corporation)
         Cambridge Neuroscience Research Inc., Cambridge, MA, United States (U.S.
         corporation)
 PΙ
         us 5602096
                                     19970211
         US 1995-472008
 ΑI
                                    19950606 (8)
        Division of Ser. No. US 1993-36555, filed on 24 Mar 1993, now patented, Pat. No. US 5530109 which is a continuation-in-part of Ser. No. US
 RLI
        1992-965173, filed on 23 Oct 1992, now abandoned Ser. No. Ser. No. US
        1992-940389, filed on 3 Sep 1992, now abandoned Ser. No. Ser. No. US 1992-907138, filed on 30 Jun 1992, now abandoned And Ser. No. US
        1992-863703, filed on 3 Apr 1992, now abandoned
PRAI
        GB 1991-7566
                                19910410
DT
        Utility
FS
        Granted
LN.CNT
        3304
INCL
        INCLM: 514/012.000
        INCLS: 514/002.000; 530/350.000; 435/069.100
NCL
        NCLM:
                 514/012.000
        NCLS:
                435/069.100; 514/002.000; 530/350.000
IC
        [6]
        ICM: A61K038-18
EXF
        514/2; 514/12; 530/350; 435/69.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 102 OF 116 USPATFULL ON STN
        97:3695
                 USPATFULL
        Methods for the detection of soluble .beta.-amyloid peptide
        Schenk, Dale B., Pacifica, CA, United States
        Seubert, Peter A., South San Francisco, CA, United States
        Vigo-Pelfrey, Carmen, Mountain View, CA, United States
        Athena Neurosciences, South San Francisco, CA, United States (U.S.
        corporation)
        Eli Lilly and Company, Indianapolis, IN, United States (U.S.
        corporation)
        US 5593846
                                    19970114
        US 1995-437067
                                    19950509 (8)
        Continuation of Ser. No. US 1992-965972, filed on 26 Oct 1992, now
RLI
        abandoned which is a continuation-in-part of Ser. No. US 1992-911647,
        filed on 10 Jul 1992, now abandoned
        Utility
        Granted
LN.CNT 1468
        INCLM: 435/007.900
INCL
        INCLS: 435/007.920; 435/007.940; 436/518.000; 436/528.000; 436/811.000
NCL
        NCLM:
                435/007.900
                435/007.920; 435/007.940; 436/518.000; 436/528.000; 436/811.000
        NCLS:
```

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IC
          Г61
          ICM: G01N033-53
          ICS: G01N033-537; G01N033-543
          435/7.9; 435/7.92; 435/7.94; 435/967; 435/975; 436/518; 436/548; 436/811
  EXF
  CAS INDEXING IS AVAILABLE FOR THIS PATENT.
  L7
       ANSWER 103 OF 116 USPATFULL ON STN
  ΑN
          97:1354 USPATFULL
          Monoclonal antibodies which promote central nervous system remyelination
  ΤI
          Rodriguez, Moses, Rochester, MN, United States
  IN
         Miller, David J., Rochester, MN, United States
Mayo Foundation for Medical Education & Research, Rochester, MN, United
  PA
          States (U.S. corporation)
  PΙ
         US 5591629
                                    19970107
  ΑI
         US 1994-236520
                                    19940429 (8)
         Utility
  DT
  FS
          Granted
  LN.CNT
         1264
  INCL
         INCLM: 435/240.270
         INCLS: 435/070.210; 530/388.200; 530/809.000; 530/839.000; 530/863.000
 NCL
         NCLM:
                 435/332.000
                435/070.210; 530/388.200; 530/809.000; 530/839.000; 530/863.000
         NCLS:
         [6]
 IC
         ICM: C07K016-28
         ICS: C12N005-12
 EXF
         435/240.27; 435/70.21; 530/388.2; 530/809; 530/839; 530/863
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 104 OF 116 USPATFULL on STN
         96:103985 USPATFULL
 ΑN
         Method of attenuating physical damage to the spinal cord
 TI
 IN
         Roberts, Eugene, Monrovia, CA, United States
         Guth, Lloyd, Ford's Colony, VA, United States
The Center for Innovative Technology, Herndon, VA, United States (U.S.
 PA
         corporation)
         The College of William and Mary, Williamsburg, VA, United States (U.S.
         corporation)
         City of Hope, Duarte, CA, United States (U.S. corporation)
 PΙ
         US 5574022
                                   19961112
                                                                            <--
 ΑI
         US 1994-227533
                                   19940414 (8)
        Utility
 DT
 FS
         Granted
 LN.CNT
        959
 INCL
        INCLM: 514/054.000
                514/165.000; 514/169.000; 514/171.000; 514/177.000; 514/178.000;
        INCLS:
                514/182.000; 514/885.000; 536/123.100
NCL
        NCLM:
                514/054.000
                514/165.000; 514/169.000; 514/171.000; 514/177.000; 514/178.000;
        NCLS:
                514/182.000; 514/885.000; 536/123.100
IC
        [6]
        ICM: A61K031-715
        ICS: A61K031-60; A61K031-56
        514/54; 514/165; 514/169; 514/171; 514/177; 514/178; 514/182; 514/885;
EXF
        536/123.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 105 OF 116 USPATFULL ON STN
AN
        96:101657 USPATFULL
        Cardiac hypertrophy factor
       Baker, Joffre, El Granada, CA, United States
Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
        Pennica, Diane, Burlingame, CA, United States
        wood, william, San Mateo, CA, United States
        Genentech, Inc., South San Francisco, CA, United States (U.S.
        corporation)
        Regents of the Univ. of California, Oakland, CA, United States (U.S.
        corporation)
        US 5571893
                                  19961105
       US 1994-286304
                                  19940805 (8)
       Continuation of Ser. No. US 1994-233609, filed on 25 Apr 1994, now
RLI
       patented, Pat. No. US 5534615
       Utility
       Granted
LN.CNT 4056
INCL
       INCLM: 530/350.000
```

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DT

FS

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INCLS: 530/399.000; 530/351.000; 930/140.000
   NCL
           NCLM:
                   530/350.000
           NCLS:
                   530/351.000; 530/399.000; 930/140.000
   IC
           [6]
           ICM: C07K014-52
          ICS: A61K038-19
          530/350; 530/399; 530/351; 514/12; 930/140
  EXF
  CAS INDEXING IS AVAILABLE FOR THIS PATENT.
  L7
        ANSWER 106 OF 116 USPATFULL on STN
  AN
          96:101443 USPATFULL
          Detection and amplification of candiotrophin-1(cardiac hypertrophy
  ΤI
          factor)
  IN
          Baker, Joffre, El Granada, CA, United States
          Chien, Kenneth, La Jolla, CA, United States
          King, Kathleen, Pacifica, CA, United States
Pennica, Diane, Burlingame, CA, United States
          wood, William, San Mateo, CA, United States
          Genentech, Inc., South San Francisco, CA, United States (U.S.
  PA
          corporation)
          Regents of the Univ. of California, Oakland, CA, United States (U.S.
          corporation)
  ΡI
          US 5571675
                                     19961105
          US 1995-444083
  ΑI
                                     19950517 (8)
         Division of Ser. No. US 1994-286304, filed on 5 Aug 1994 which is a continuation-in-part of Ser. No. US 1994-233609, filed on 25 Apr 1994
  RLI
  DT
  FS
          Granted
  LN.CNT 4298
  INCL
         INCLM: 435/006.000
         INCLS: 435/091.200; 435/091.210; 536/024.300; 536/024.310; 536/024.320;
                 536/024.330
 NCL
         NCLM:
                 435/006.000
                 435/091.200; 435/091.210; 536/024.300; 536/024.310; 536/024.320;
         NCLS:
                 536/024.330
 IC
         [6]
         ICM: C12Q001-68
         ICS: C12P019-34; C07H021-04
 EXF
         435/6; 435/91.2
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 107 OF 116 USPATFULL ON STN
 ΑN
         96:99378
                   USPATFULL
         Transgenic mouse for the neuronal expression of HIV gp160 Kessous-Elbaz, Allegria, Cote St-Luc, Canada
 TI
 IN
        Michaud, Jean, Montreal, Canada
Berrada, Fouad, Montreal, Canada
         Universite de Montreal, Montreal, Canada (non-U.S. corporation)
 PA
 ΡI
         US 5569827
                                    19961029
 ΑI
         US 1994-254395
                                    19940606 (8)
 DT
         Utility
 FS
         Granted
LN.CNT 841
INCL
         INCLM: 800/002.000
        INCLS: 435/122.300; 536/023.100; 800/DIG.001; 800/DIG.004
NCL
                800/011.000
        NCLM:
        NCLS:
                536/023.100; 800/018.000
IC
        [6]
        ICM: C12N015-00
        ICS: C07H021-02
EXF
        800/2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 108 OF 116 USPATFULL ON STN
L7
ΑN
        96:60798
                  USPATFULL
TI
        Cardiac hypertrophy factor and uses therefor
ΙN
        Baker, Joffre, El Granada, CA, United States
        Chien, Kenneth, La Jolla, CA, United States
King, Kathleen, Pacifica, CA, United States
        Pennice, Diane, Burlingame, CA, United States
        Wood, William, San Mateo, CA, Únited States
        Genentech, Inc., South San Francisco, CA, United States (U.S.
PA
        corporation)
        The Regents of the University of California, Oakland, CA, United States
        (U.S. corporation)
        US 5534615
                                   19960709
                                                                             <--
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PT

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ΑI
           US 1994-233609
                                      19940425 (8)
   DT
           Utility
   FS
           Granted
   LN.CNT 3897
   INCL
           INCLM: 530/350.000
           INCLS:
                   530/380.000; 424/569.000; 424/570.000
   NCL
          NCLM:
                   530/350.000
                  424/569.000; 424/570.000; 530/380.000
          NCLS:
   IC
           [6]
           ICM: C07K001-00
          ICS: A61K035-14; A61K035-30
   EXF
          530/350; 530/380; 424/569; 424/570
  CAS INDEXING IS AVAILABLE FOR THIS PATENT.
        ANSWER 109 OF 116 USPATFULL ON STN
  L7
  AN
                     USPATFULL
          96:55863
  TI
          DNA encoding glial mitogenic factors
  IN
          Goodearl, Andrew, Chorleywood, United Kingdom
          Stroobant, Paul, London, England
          Minghetti, Luisa, Bagnacavallo, Italy
Waterfield, Michael, Newbury, United Kingdom
Marchioni, Mark, Arlington, MA, United States
          Chen, Mario S., Arlington, MA, United States
          Hiles, Ian, London, England
  PA
          Ludwig Institute For Cancer Research, New York, NY, United States (U.S.
          corporation)
          Cambridge Neuroscience, Cambridge, MA, United States (U.S. corporation)
  PΤ
                                     19960625
          US 1993-36555
  ΑI
                                     19930324 (8)
         Continuation-in-part of Ser. No. US 1992-965173, filed on 23 Oct 1992, now abandoned Ser. No. Ser. No. US 1992-940389, filed on 3 Sep 1992, now
  RLI
         abandoned Ser. No. Ser. No. US 1992-907138, filed on 30 Jun 1992, now
         abandoned And Ser. No. US 1992-863703, filed on 3 Apr 1992, now
         abandoned
 PRAI
         GB 1991-7566
                                19910410
 DT
         Utility
 FS
         Granted
 LN.CNT 3401
 INCL
         INCLM: 536/023.500
         INCLS: 435/320.100; 435/252.300; 530/399.000
 NCL
         NCLM:
                 536/023.500
                 435/252.300; 435/320.100; 530/399.000
         NCLS:
 IC
         [6]
         ICM: C12N015-19
 EXF 530/399; 536/23.5; 435/320.1; 435/252.3 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
      ANSWER 110 OF 116 USPATFULL ON STN
 ΑN
         96:36656 USPATFULL
         Multitrophic and multifunctional chimeric neurotrophic factors
 TI
         Shooter, Eric M., Portola Valley, CA, United States
 ΙN
         Suter, Úlrich, Ménlo Park, CA, Únited States
         Ip, Nancy P., Hong Kong, Hong Kong
        Squinto, Stephen P., Irvington, NY, United States
        Furth, Mark E., Chapel Hill, NC, United States
Lindsay, Ronald M., Briarcliff Manor, NY, United States
        Regeneron Pharmaceuticals, Inc., Tarrytown, NY, United States (U.S.
 PA
PΙ
        US 5512661
                                    19960430
ΑI
        US 1994-308625
                                                                              <--
                                    19940919 (8)
        Continuation of Ser. No. US 1992-923334, filed on 31 Jul 1992, now
RLI
        abandoned which is a division of Ser. No. US 1990-564929, filed on 8 Aug
        1990, now patented, Pat. No. US 5169764
DT
        Utility
FS
        Granted
LN.CNT 2139
        INCLM: 530/399.000
INCL
        INCLS: 530/350.000; 530/839.000; 930/120.000
NCL
                530/399.000
        NCLM:
                530/350.000; 530/839.000; 930/120.000
        NCLS:
IC
        [6]
        ICM: C07K014~475
        ICS: C07K014-48; C07K019-00
EXF
        530/350; 530/399; 530/839; 930/120
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

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L7
        ANSWER 111 OF 116 USPATFULL ON STN
   AN
          95:94825
                    USPATFULL
   TI
          Transduced fibroblasts
          Mulligan, Richard C., Cambridge, MA, United States
   ΙN
          Wilson, James M., Waltham, MA, United States
          Whitehead Institute for Biomedical Research, Cambridge, MA, United
   PA
          States (U.S. corporation)
  PΤ
          US 5460959
                                   19951024
  ΑI
          US 1993-70646
                                                                           <--
                                   19930601 (8)
          Continuation of Ser. No. US 1987-96074, filed on 11 sep 1987, now
  RLI
  DT
          Utility
  FS
          Granted
  LN.CNT 1102
  INCL
          INCLM: 435/172.300
         INCLS: 424/093.210; 435/069.100; 435/240.100; 435/240.200; 435/240.230; 435/240.240; 435/320.100; 935/032.000; 935/034.000; 935/057.000;
                 935/062.000; 935/070.000; 935/071.000
  NCL
         NCLM:
                 435/456.000
                 424/093.210; 435/069.100; 435/320.100; 435/366.000
         NCLS:
         [6]
  IC
         ICM: C12N005-10
         ICS: C12N015-86
         435/240.1; 435/240.2; 435/240.23; 435/320.1; 435/240.24; 424/93.1;
  EXF
         424/93.2; 424/93.21;
  CAS INDEXING IS AVAILABLE FOR THIS PATENT.
  L7
       ANSWER 112 OF 116 USPATFULL ON STN
 AN
         95:64940 USPATFULL
         Method for treating neurocognitive disorders
 TI
         Andrulis, Jr., Peter J., Bethesda, MD, United States
 ΙN
         Andrulis Pharmaceuticals Corp., Beltsville, MD, United States (U.S.
 PA
         corporation)
 PΙ
         US 5434170
                                  19950718
 ΑI
         US 1993-172155
                                                                          <--
                                  19931223 (8)
 DT
         Utility
 FS
         Granted
 LN.CNT 685
 INCL
         INCLM: 514/323.000
         INCLS: 514/171.000; 514/264.000; 514/297.000; 546/105.000; 546/200.000;
                546/201.000
 NCL
         NCLM:
                514/323.000
        NCLS:
                514/171.000; 514/263.320; 514/297.000; 546/105.000; 546/200.000;
                546/201.000
 IC
         [6]
        ICM: A61K031-445
        546/105; 546/200; 514/171; 514/264; 514/297; 514/323
 EXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
      ANSWER 113 OF 116 USPATFULL ON STN
 ΑN
        93:29001 USPATFULL
 TT
        Methods of reducing glial scar formation and promoting axon and blood
        vessel growth and/or regeneration through the use of activated immature
          ***astrocytes***
        Silver, Jerry, Lyndhurst, OH, United States
 IN
        Smith, George M., Cleveland, OH, United States
        Jacobberger, James W., Chesterland, OH, United States
PΑ
        Case Western Reserve University, Cleveland, OH, United States (U.S.
PΙ
        US 5202120
                                 19930413
ΑI
        US 1989-428147
                                 19891027 (7)
       Continuation-in-part of Ser. No. US 1987-96373, filed on 11 Sep 1987,
RLI
        now patented, Pat. No. US 4900553
DT
       Utility
FS
       Granted
LN.CNT 2306
INCL
       INCLM: 424/093.000U
       INCLS: 424/425.000; 424/570.000; 435/240.200; 435/240.260
NCL
               424/093.700
       NCLM:
               424/425.000; 424/570.000; 435/368.000
       NCLS:
       [5]
       ICM: A61K035-12
       ICS: C12N005-06
       424/93; 424/570; 424/425; 435/240.2; 435/240.26; 530/354; 514/801
EXF
     ANSWER 114 OF 116 USPATFULL ON STN
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IC

L7

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92:100920 USPATFULL
  AN
          Multitrophic and multifunctional chimeric neurotrophic factors, and
  TI
          nucleic acids and plasmids encoding the chimeras
  IN
          Shooter, Eric M., Portola Valley, CA, United States
Suter, Ulrich, Menlo Park, CA, United States
          Ip, Nancy, Stamford, CT, United States
          Squinto, Stephen P., Irvington, NY, United States
          Furth, Mark E., Pelham, NY, United States
Lindsay, Ronald M., Briarcliff Manor, NY, United States
          Yancopoulos, George D., Briarcliff Manor, NY, United States
         Regeneron Pharmaceuticals, Inc., Tarrytown, NY, United States (U.S.
  PA
          corporation)
  PΙ
          US 5169764
                                    19921208
  ΑI
         US 1990-564929
                                    19900808 (7)
  DT
         Utility
  FS
         Granted
  LN.CNT 2033
         INCLM: 435/069.700
  INCL
         INCLS: 435/320.100; 536/027.000; 530/399.000; 530/402.000; 530/839.000;
                 514/012.000
 NCL
         NCLM:
                 435/069.700
                 435/320.100; 514/012.000; 530/399.000; 530/402.000; 530/839.000
         NCLS:
 IC
         [5]
         ICM: C12P021-02
         ICS: C12N015-18; C07H017-02; C07K013-00 435/69.7; 435/320.1; 514/12; 536/27; 530/350; 530/402; 530/399; 530/839
 FXF
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L7
       ANSWER 115 OF 116 USPATFULL ON STN
 ΑN
         92:5400 USPATFULL
         Method of grafting genetically modified cells to treat defects, disease
 ΤI
         or damage or the central nervous system
 IN
         Gage, Fred H., La Jolla, CA, United States
         Rosenberg, Michael B., San Diego, CA, United States
Friedmann, Theodore, La Jolla, CA, United States
         The Regents of the University of California, Oakland, CA, United States
 PA
         (U.S. corporation)
 PΙ
         US 5082670
                                   19920121
                                                                             <--
 ΑI
         US 1988-285196
                                   19881215 (7)
 DT
         Utility
 FS
         Granted
 LN.CNT
        1705
         INCLM: 424/520.000
 INCL
        INCLS: 424/570.000; 435/172.300; 435/240.200; 435/948.000; 935/062.000;
                935/070.000; 514/044.000
NCL
        NCLM:
                424/520.000
        NCLS:
                424/570.000; 435/948.000; 514/044.000
IC
         [5]
        ICM: A61K035-00
        ICS: A61K048-00; C12N015-00
        424/95; 424/520; 424/570; 435/172.3; 435/948; 435/69.1; 435/317.1;
FXF
        935/62; 935/70; 800/DIG.2; 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 116 OF 116 USPATFULL ON STN
L7
        90:2434 USPATFULL
AN
TT
        In vivo delivery of neurotransmitters by implanted, encapsulated cells
IN
        Aebischer, Patrick, Providence, RI, United States
        Winn, Shelley R., Providence, RI, United States
        Galletti, Pierre M., Providence, RI, United States
        Brown University Research Foundation, Providence, RI, United States
PA
        (U.S. corporation)
PΙ
        US 4892538
                                  19900109
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ΑI
        US 1987-121626
                                  19871117 (7)
        Utility
DT
FS
        Granted
LN.CNT
       523
        INCLM: 604/891.100
INCL
        INCLS: 128/898.000; 128/899.000; 424/424.000
NCL
               604/891.100
       NCLM:
       NCLS:
               128/898.000; 128/899.000; 424/424.000
        [4]
IC
        ICM: A61K009-22
       604/890.1; 604/891.1; 604/27; 604/28; 604/93; 604/36; 604/43; 604/116; 623/11; 623/12; 424/422-424; 128/897-899
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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